ELTON CROSSING/ SITE C – FAMILY

899 ELTON AVENUE

BRONX, NEW YORK

Supplemental Remedial Investigation Report

AKRF Project Number: 11901

NYSDEC BCP Number: C203073

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LIST OF ACRONYMS

Acronym	Definition
CAMP	Community Air Monitoring Plan
COC	Contaminant of Concern
CPP	Citizen Participation Plan
DER-10	New York State Department of Environmental Conservation Technical Guide 10
ELAP	Environmental Laboratory Approval Program
GPS	Global Positioning System
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operations and Emergency Response
IRM	Interim Remedial Measure
NAPL	Non-aqueous Phase Liquid
NYS DOH ELAP	New York State Department of Health Environmental Laboratory Accreditation Program
OSHA	Occupational Safety and Health Administration
PID	Photoionization Detector
QEP	Qualified Environmental Professional
RI	Remedial Investigation
SRIR	Supplemental Remedial Investigation Report
SCO	Soil Cleanup Objective

CERTIFICATION

We, Michelle Lapin, P.E. and Deborah Shapiro, QEP are Qualified Environmental Professionals, as defined inDER-10. We have direct responsibility for implementation of the Supplemental Remedial Investigation for the Elton Crossing/ Site C - Family Site. We are responsible for the content of this Supplemental Remedial Investigation Report (SRIR), have reviewed its contents and certify the SRIR is accurate to the best of our knowledge and contains all available environmental information and data regarding the Site.

Michelle Lapin, P.E.	6-18-15	
Qualified Environmental Professional	Date	Signature
Deborah Shapiro, QEP	6-18-15	
Qualified Environmental Professional	Date	Signature

EXECUTIVE SUMMARY

This Supplemental Remedial Investigation Report (SRIR) summarizes the Supplemental Remedial Investigation conducted in February and March 2015 at the Elton Crossing/Site C – Family Site in accordance with the Draft Supplemental Remedial Investigation Work Plan (SRIWP) dated January 2015. The purpose of the Supplemental Remedial Investigation was to further delineate soil and soil vapor contamination and to determine whether past uses have affected groundwater at the Site. The New York State Department of Environmental Conservation (NYSDEC) approved the SRIWP via email on February 10, 2015.

Site Location and Current Usage

The Site is located at 899 Elton Avenue in the Bronx, New York. A Site Location Map is provided as Figure 1. The legal definition of the Site is Tax Block 2383, Lots 19, 25, 27, 29, 30, 31, 33, and 35 and a section of Melrose Crescent between East 161st Street and East 162nd Street. Lot 19 is developed with an approximately 9,200-square foot vacant, one-story building with a partial cellar, which is anticipated to be demolished in early Summer 2015. The remaining lots are vacant. The Site is located in an area developed with predominantly residential, educational, and commercial uses. A Site Plan is provided as Figure 2.

Summary of Past Uses of Site

Historic reports indicated that Lot 19 was developed with: an automobile garage from 1927 to 1940; a factory in 1945; freezer and oven mobile units in 1961; a metal works from at least 1969 to 1978; and Blasco Supply company from 2000 to 2005. Lot 25 was developed with an automobile garage in 1921 and a funeral home from at least 1927 to 1984. Lot 27 was developed with an undertaker and a multi-story residential building from at least 1969 to 1979. Lot 29 was developed with a beauty shop, a lawyers' office, a dentist, and a multi-story residential building from 1927 to 1971. Lot 35 was developed with the Elton Glass Works, Soenning Plumbing and Heating, and a butcher and glazer in 1927, and stores and a multi-story residential building in 1965. The other lots were developed historically as multi-story residences with cellars that likely contained petroleum storage tanks.

Summary of the Work Performed under the Supplemental Remedial Investigation

The following scope of work was completed at the Site:

1. Collected one soil sample from a floor drain within the Site building;
2. Advanced 6 soil borings and collected 10 soil samples for chemical analysis from 4 of the soil borings to evaluate soil quality;
3. Installed three bedrock groundwater monitoring wells and collected three groundwater samples for chemical analysis from the monitoring wells to evaluate groundwater quality; and
4. Installed one soil vapor probe within the Site building and collected one soil vapor sample and one ambient air sample for chemical analysis.

Summary of Hydrogeological Findings

The following geologic and hydrogeologic conditions were noted by the investigation for the Site:

1. The Site lies at an elevation of approximately 30 feet above National Geodetic Vertical Datum of 1929 (an approximation of sea level).
2. Depth to bedrock at the Site varies between approximately 9 and 17 feet below grade.

3. The stratigraphy of the Site, from the surface down, consists of between three and nine feet of fill comprising sand, silt, gravel, concrete, brick, plastic, glass, concrete, and asphalt, underlain by apparent native sand and gravel on top of bedrock (Inwood Marble).
4. Groundwater was encountered within bedrock fractures between 14.72 and 17.15 feet below grade. No surficial groundwater was present at the Site.
5. Based on site-specific groundwater measurements, groundwater flow is generally to the northwest. Regional groundwater flow is generally to the south towards the Harlem River, located approximately 1.7 miles south of the Site.

Summary of Environmental Findings

1. The soil sample collected from the floor drain during the Supplemental RI was compared to the NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Soil Cleanup Objectives (RRSCOs). No volatile organic compunds (VOCs) were detected in the soil sample and semivolatile organic compounds (SVOCs) were not detected above UUSCOs or RRSCOs. Six metals, including arsenic [13.3 parts per million (ppm)], cadmium (7.1 ppm), copper (130 ppm), lead (354 ppm), nickel (35.7 ppm), and zinc (833 ppm), were detected above their respective UUSCOs in the soil sample. Cadmium was also detected above the RRSCO. One polychlorinated biphenyl (PCB), Aroclor 1262, was detected at 451 parts per billion (ppb), above the 100 ppb UUSCO for total PCBs. The pesticides 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, aldrin, alpha-chlordane, dieldrin, endrin, and heptachlor were detected above their respective UUSCOs. Additionally, dieldrin was detected at a concentration of 7,220 ppb, above its RRSCO of 200 ppb.
2. The soil samples collected during the Supplemental RI were compared to the NYSDEC UUSCOs and RRSCOs. VOCs were detected in seven soil samples analyzed, at levels below applicable USCOs or RRSCOs. Twenty-four SVOCs were detected in 7 soil samples analyzed with a maximum total SVOC concentration of 11,449.3 ppb in the soil sample collected from SSB-1 (5-7). Two polycyclic aromatic hydrocarbons (PAHs), dibenzo(a,h)anthracene and indeno[1,2,3-cd]pyrene, were detected in soil sample SSB-1 (5-7) at concentrations above their respective UUSCOs and RRSCOs. Up to 21 metals were detected in all soil samples analyzed. Eight metals, including arsenic (up to 16.1 ppm), barium (up to 792 ppm), cadmium (up to 17.7 ppm), copper (up to 270 ppm), lead (up to 1,940 ppm), mercury (up to 44 ppm), nickel (up to 43.1 ppm), and zinc (up to 1,320 ppm), were detected above their respective UUSCOs in 6 of the soil samples analyzed. Of these metals, arsenic in one sample, barium in two samples, cadmium in two samples, lead in three samples, and mercury in three samples, were detected above their respective RRSCOs. PCBs were detected in three soil samples analyzed. Aroclor 1262 was detected at a concentration of 485 ppb in soil sample SSB-1 (0-2) above the 100 ppb UUSCO for total PCBs, and at concentrations of 14,700 ppb and 3,030 ppb in soil samples SSB-1 (5-7) and SSB-1 (7-9), respectively, above the 1,000 ppb RRSCO for total PCBs. Up to eight pesticides were detected in eight soil samples analyzed. 4,4'-DDD, 4,4'-DDE, alpha-chlordane, dieldrin, endrin, gamma-BHC (lindane), and heptachlor were detected in up to six of the soil samples exceeding their respective UUSCOs. Additionally, alpha-chlordane and dieldrin were detected at concentrations exceeding their respective RRCCOs in soil samples SSB-1 (0-2), SSB-1 (5-7), and SSB-1 (7-9).
3. The groundwater samples collected during the Supplemental RI were compared to the NYSDEC Class GA Ambient Water Quality Standards (AWQS) (drinking water standards), although groundwater is not used as a source of potable water in the Bronx. The VOCs acetone, chloroform, tetrachloroethene, and toluene were detected in one or more of the groundwater samples analyzed. Chloroform was detected in groundwater sample MW-3 at a concentration of 9.5 micrograms per liter (µg/L), above its AWQS of 7 µg/L. It is noted that the VOCs bromodichloromethane and chloroform were detected at low levels below

applicable AWQS in the aqueous field blank. No SVOCs were detected above AWQS in any of the groundwater samples. Fourteen metals were detected in the unfiltered groundwater samples (total metals analysis) and 10 metals were detected in the filtered groundwater samples (dissolved metals analysis). Four total metals (iron, magnesium, manganese, and sodium) and three dissolved metals (iron, magnesium, and sodium) were detected in at least one of the groundwater samples above their respective AWQS. The metals detected above their AWQSs in the total and dissolved groundwater samples are typical of groundwater quality in the Bronx. No PCBs or pesticides were detected in the groundwater samples.

4. Thirteen VOCs [1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 2,2,4-trimethylpentane, 4-ethyltoluene, ethanol, ethylbenzene, heptane, hexane, m,p-xylene, o-xylene, styrene, tetrachloroethylene (PCE), and toluene] were detected in the soil vapor sample (SSV-1). PCE was detected at a concentration of 111 micrograms per cubic meter ($\mu g/m^3$) in sample SSV-1, which is above its NYSDOH AGV of 30 $\mu g/m^3$. VOCs associated with petroleum [including benzene, toluene, ethylbenzene, xylenes (collectively referred to as BTEX), 1,2,4- and 1,3,5-trimethylbenzene, ethanol, ethylbenzene, heptane, hexane, m,p-xylene, and o-xylene,] were detected at concentrations up to 123,000 $\mu g/m^3$. Solvent-related VOCs [including styrene, tetrachloroethylene (PCE), and toluene] were detected at concentrations up to 871 $\mu g/m^3$. Low level VOC concentrations were also noted in the ambient air sample (SAA-1). The VOCs 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 2,2,4-trimethylpentane, 4-ethyltoluene, acetone, benzene, cis-1,2-dichloroethylene, dichlorodifluoromethane, ethanol, ethyl benzene, hexane, isopropyl alcohol, m,p-xylene, methyl ethyl ketone, o-xylene, propylene, toluene, trichlorofluoromethane, and xylenes were detected at concentrations below soil vapor concentrations, are not included in the NYSDOH matrices, and are not likely to be related to Site contamination. Acetone, benzene, cis-1,2-dichloroethylene, dichlorodifluoromethane, methyl ethyl ketone, propylene, and trichlorofluoromethane were detected in ambient air sample SAA-1 but were not detected in the soil vapor sample.

5. Based on an evaluation of the data and information from the investigation, there is some contaminated soil and soil vapor present at the Site. The elevated levels of SVOCs, metals, PCBs, and pesticides in the soil and the elevated levels of VOCs in the soil vapor seem to be attributed to the historic use at the Site.

SUPPLEMENTAL REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

This Supplemental Remedial Investigation Report (SRIR) summarizes the Supplemental Remedial Investigation conducted in February and March 2015 at the Elton Crossing/Site C –Family Site in accordance with the Draft Supplemental Remedial Investigation Work Plan (SRIWP) dated January 2015. The purpose of the Supplemental Remedial Investigation was to further delineate soil and soil vapor contamination and to determine whether past uses have affected groundwater and sediment at the Site. The New York State Department of Environmental Conservation (NYSDEC) approved the SRIWP via email on February 10, 2015.

1.1 Site Location and Current Usage

The Site is located at 899 Elton Avenue in the Bronx, New York. A Site Location Map is provided as Figure 1. The legal definition of the Site is Tax Block 2383, Lots 19, 25, 27, 29, 30, 31, 33, and 35 and a section of Melrose Crescent between East 161st Street and East 162nd Street. Lot 19 is developed with an approximately 9,200-square foot vacant, one-story building with a partial cellar, which is anticipated to be demolished in early Summer 2015. The remaining lots are vacant. A Site Plan is provided as Figure 2.

1.2 Description of Surrounding Property

The Site is abutted by East 162nd Street to the north, beyond which are vacant lots and buildings; East 161st Street to the south, beyond which are residential buildings with first floor commercial space; Elton Avenue followed by Boricua College to the east; and residential buildings to the west, followed by Melrose Avenue. The Harlem River is the nearest water body and is located approximately 1.7 miles south of the Site. The Site is located in a predominantly developed area consisting of residential, educational, commercial, and industrial buildings.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

Historic reports indicated that Lot 19 was developed with: an automobile garage from 1927 to 1940; a factory in 1945; freezer and oven mobile units in 1961; a metal works from at least 1969 to 1978; and Blasco Supply company from 2000 to 2005. Lot 25 was developed with an automobile garage in 1921 and a funeral home from at least 1927 to 1984. Lot 27 was developed with an undertaker and a multi-story residential building from at least 1969 to 1979. Lot 29 was developed with a beauty shop, a lawyers' office, a dentist, and a multi-story residential building from 1927 to 1971. Lot 35 was developed with the Elton Glass Works, Soenning Plumbing and Heating, and a butcher and glazer in 1927, and stores and a multi-story residential building in 1965. The other lots were developed historically as multi-story residences with cellars that likely contained petroleum storage tanks.

2.2 Previous Investigations

Phase I Environmental Site Assessment, Melrose Commons Site C, Bronx, New York, Environmental Health Investigations, Inc., February 2011

The Phase I Environmental Site Assessment (ESA) identified several on-site and off-site conditions that may have affected the Site. The identified conditions included the historic usage of the Site as a factory, metal works, automobile garage, glass works, freezer and oven mobile unit warehouse, glazer, plumbing and heating store, undertaker, beauty shop, dentist, and as a funeral home. The use of oils and other petroleum-containing fluids, acids, solvents, formaldehyde, phenol, and methanol, and heavy metals are commonly associated with these historic uses. Suspect asbestos-containing materials (ACM), suspect lead-based paint (LBP), suspect mercury-containing fluorescent light bulbs, and suspect polychlorinated biphenyl (PCB)-containing fluorescent light ballasts were also identified in the building at Lot 19. The surrounding area was historically mixed-use and included: a gasoline station, auto repair facilities, and a paint store south of the Site on East 161st Street; a dry cleaner west of the Site on East 161st Street; and a Brownfield Cleanup Program site south of the Site across East 161st Street.

The Phase I ESA also noted that, due to past residential development at the Site, there is a possibility that underground storage tanks (USTs) may exist at the Site. However, no information regarding the status of former or current petroleum storage tanks on the Site was included in the Phase I ESA.

Geotechnical Investigation, East 161st Street and Elton Avenue, Bronx, New York, Tectonic Engineering and Surveying Consultants, February 2014

Tectonic Engineering and Surveying Consultants (Tectonic) conducted a geotechnical engineering study of the Site. The investigation included the advancement of 46 test borings and probes (B-1 through B-46) and the excavation of 4 test pits (TP-1 through TP-4). Two observation wells were installed in borings B-20 and B-35. It is noted that one of the installed wells was dry. According to Tectonic's report, uncontrolled fill was reported to depths ranging from 2 to 14 feet below grade, generally consisting of sand with varying amounts of silt and gravel. The fill was underlain by native soil typically encountered between 4 and 13 feet below grade, generally consisting of sand with varying amounts of silt and gravel with cobbles and boulders. In several borings and test pits, abundant brick, debris, and refuse were encountered at depths extending to bedrock. The top of bedrock (marble) was encountered at depths ranging from 7.5 to 23 feet below grade. Groundwater was observed within bedrock at elevations ranging from approximately 20.4 to 20.5 feet below grade.

Remedial Investigation (Phase II), Melrose Commons Site C–Family, Block 2328, Lots 19, 25, 27, 29, 30, 31, 35,8900, and a section of Melrose Crescent between East 161st Street and East 162nd Street, Bronx, New York, AKRF, February 2014

AKRF conducted a Remedial Investigation (RI) at the Site in April 2014. The investigation included a geophysical survey and utility mark-outs, the installation of 14 soil borings with the collection and analysis of 27 soil samples, and the installation of 6 soil vapor probes with the collection and analysis of 6 soil vapor samples and 1 ambient air sample. Groundwater was not encountered above bedrock during the investigation.

Volatile organic compounds (VOCs) were detected in 15 of the 27 soil samples. Eleven VOCs (acetone, chloroform, ethylbenzene, isopropylbenzene, m,p-xylene, methylchlorohexane, methylene chloride, o-xylene, toluene, thrichlorofluoromethane, and total xylenes) were detected in one or more of the soil samples below NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs). M,p-xylene and o-xylene were detected in soil sample SB-13 (8-10) at concentrations of 583 and 386 parts per billion (ppb), respectively, which is above the respective UUSCOs of 260 ppb, but below their respective Restricted Residential Soil Cleanup Objectives (RRSCOs) of 100,000 ppb. No VOCs were detected at concentrations exceeding RRSCOs. Twenty-three SVOCs were detected in 20 of the 27 soil samples with a maximum total SVOC concentration of 35,357.30 ppb in soil sample SB-6 (5-7). Seven polycyclic aromatic hydrocarbons (PAHs) {benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluroanthene, chrysene, dibenzo(a,h)anthracene, and indeno[1,2,3-cd]pyrene} were detected in one or more soil samples at concentrations above their respective UUSCOs. Additionally, six SVOCs including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno[1,2,3-cd]pyrene were detected in at least seven soil samples at concentrations above their respective RRSCOs.

Nine metals, including barium, cadmium, chromium, copper, lead, mercury, nickel, silver, and zinc, exceeded their respective UUSCOs in 21 of the 27 soil samples. Of these metals, barium in ten samples, cadmium in one sample, copper in one sample, lead in six samples, and mercury in three samples, exceeded their respective RRSCOs. TwoPCBs, Aroclor 1248 and Aroclor 1260, were detected in 3 of the 27 soil samples. Aroclor 1248 was detected in soil samples SB-13 (0-2) and SB-13 (8-10) at concentrations of 910 ppb and 110 ppb, respectively, exceeding its UUSCO of 100 ppb of total PCBs per sample. Five pesticides including 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, dieldrin, and endrin, were detected in 18 of the soil samples at concentrations above their respective UUSCOs. Additionally, 4,4'-DDE was detected in soil sample SB-13(8-10) at a concentration of 10,400 ppb, exceeding its RRSCO of 8,900 ppb.

Thirty-one VOCs were detected in the six soil vapor samples. Methylene chloride was detected at a concentration of 77.5 micrograms per cubic meter (µg/m^3), above its AGV of 60 µg/m^3 established by the New York State Department of Health (NYSDOH). Carbon tetrachloride was also detected above its AGV of 5 µg/m^3, at a concentration of 8.2 µg/m^3 in soil vapor sample SV-1. PCE and TCE were also detected in at least one of the soil vapor samples; however, these values were below the NYSDOH AGVs for these compounds. VOCs associated with petroleum [including benzene, toluene, ethylbenzene, xylenes (collectively referred to as BTEX), 1,2,4- and 1,3,5-trimethylbenzene, cyclohexane, n-heptane, n-hexane, 4-ethyltoluene, and 2,2,4-trimethylpentane] were detected at concentrations up to 870 µg/m^3. Solvent-related VOCs [including acetone, chloroform, and methyl ethyl ketone (MEK)] were detected at concentrations up to 530 µg/m^3. Low level VOC concentrations were also noted in the ambient air sample.

The report concluded that there is some contaminated soil and soil vapor present at the Site. The elevated xylenes, photoionization detector (PID) readings, staining, and petroleum odors seem to be associated with former fuel oil use at the Site. The SVOCs and metals present and chemical-like odor observed in the soil, and the VOCs in the soil vapor seem to be attributable to the historic use at the Site and subsequent demolition of the former structures. The elevated levels of pesticides indicate the prior usage of pesticides at the Site and possible storage in the cellar of the former structures.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Professionals (QEPs) responsible for preparation of this report are Michelle Lapin, P.E. and Deborah Shapiro, QEP. The environmental scientist responsible for the oversight and direction of field activities and sampling is Amy Jordan.

3.2 Health and Safety

All work described in this report was performed in full compliance with applicable laws and regulations, including Site and Occupational Safety and Health Administration (OSHA) worker safety requirements and Hazardous Waste Operations and Emergency Response (HAZWOPER) requirements. The work described in this report was also performed in accordance with a Site-specific Health and Safety Plan (HASP), included as part of the SRIWP dated February 2015.

4.0 SITE INVESTIGATION ACTIVITIES

The following activities were performed as part of the Supplemental Remedial Investigation:

1. Collected one soil sample from a floor drain within the Site building;
2. Advanced 6 soil borings and collected 10 soil samples for chemical analysis from 4 of the soil borings to evaluate soil quality;
3. Installed three bedrock groundwater monitoring wells and collected three groundwater samples for chemical analysis from the monitoring wells to evaluate groundwater quality; and
4. Installed one soil vapor probe within the Site building and collected one soil vapor sample and one ambient air sample for chemical analysis.

The soil samples, bedrock groundwater monitoring wells, soil vapor sample point, and ambient air sample locations are shown on Figure 2.

4.1 Boring Installation

Six soil borings (SSB-1 through SSB-3 and MW-1 through MW-3) were advanced across the Site on February 18, 19, and 25, 2015 by Aquifer Drilling and Testing, Inc. (ADT) of Mineola, New York. Due to limited access inside the building, a direct push drill rig was used to advance soil borings SSB-1 through SSB-3 and MW-1. Soil borings MW-2 and MW-3 were advanced on the vacant portions of the Site using a rotosonic drill rig. Bedrock was encountered between 9 and 10 feet below the building slab and between 9 and 17 feet below sidewalk grade at the vacant portions of the Site. Groundwater was not encountered above bedrock in any of the soil borings.

Continuous soil cores were obtained using a stainless steel, macro-core sampler with an internal acetate liner at soil borings SSB-1 through SSB-3 and MW-1. Soil cores were obtained using a stainless steel casing with an internal disposable plastic liner at soil borings MW-2 and MW-3. Soil cores were field-screened using a PID, which measures relative concentrations of VOCs in the soil. The PID was calibrated at the beginning of each field day with 100 parts per million (ppm) isobutylene calibration gas. At each boring location, AKRF field personnel recorded and documented subsurface conditions. Boring logs were prepared by an AKRF environmental scientist and are attached in Appendix A. The soil boring locations were measured from fixed points upon their completion. The soil boring locations are shown on Figure 2.

4.2 Soil Vapor Probe Installation

One soil vapor sampling probe (SSV-1) was installed using a direct-push drill rig by advancing a 0.75-inch diameter hollow probe rod fitted with an expendable 6-inch long stainless steel screened drive point approximately 5 feet below the concrete slab of the building. Dedicated Teflon-lined polyethylene tubing with threaded fittings was connected to the probe. The hollow probe rod was then removed and the boring was backfilled with clean silica sand. Hydrated bentonite was used to fill the remaining void around the sampling tubing to ground surface.

On February 26, 2015, a soil vapor sample was collected from the soil vapor probe. The sampling was conducted in conformance with the applicable procedures described in ASTM E 2600-08 “Standard Practice for Assessment of Vapor Intrusion into Structures on Property Involved in Real Estate Transactions” and the October 2006 NYSDOH Soil Vapor Intrusion Guidance Document protocols. The soil vapor sampling location was measured from fixed points upon its completion and is shown on Figure 2.

4.3 Bedrock Monitoring Well Installation

Three bedrock monitoring wells were installed between February 18 and 26, 2015. A rotosonic drill rig was used to advance a steel core barrel from grade to bedrock. Once competent bedrock was reached, steel casing was advanced over the core barrel into competent bedrock, sealed with

grout, and cured overnight. The following day, a bedrock core barrel was advanced through the casing, and continuous bedrock samples were collected by spinning the coring barrel fitted with a cutting shoe. Drilling continued 10 feet into the groundwater table. After completing the coring process, the core barrel was removed. The wells were finished with protective locking well covers that extended one to two feet above grade. The bedrock monitoring well locations are shown on Figure 2.

The wells were developed immediately after installation via surging and pumping. The purge water was monitored for turbidity and water quality indicators (i.e., pH, dissolved oxygen, oxidation-reduction potential, temperature, and specific conductivity) with measurements collected approximately every five minutes. Development continued until turbidity was less than 50 nephelometric turbidity units (NTUs) for three successive readings or until water quality indicatorsstabilized, or well went dry, whichever occured first. The criteria for stabilization was three successive readings within ±10% for pH, temperature and specific conductivity. Monitoring well MW-1 did not recharge during development; therefore, stabilization could not be achieved. In addition, development water was screened for evidence of contamination by visual and olfactory methods and by using a calibrated PID. No evidence of contamination (i.e., odor, staining, elevated PID readings, etc.) was noted. As such, purge water was discharged beneath the Site. Well installation and development logs were prepared by an AKRF environmental scientist and are attached in Appendix B. Detailed results of groundwater screening are recorded on the well development and installation logs.

4.4 Groundwater Monitoring Well Survey

The well casing elevations and well locations were surveyed on March 11, 2015 by Montrose Surveying Company, a New York State licensed surveyor, to the nearest 0.01 foot. Depth to groundwater was measured the same day using a sonic interface tape. The elevations were then plotted and a water table elevation contour map was prepared to determine the horizontal direction of groundwater flow. Based upon the data collected on March 11, 2015, the Site-specific direction of groundwater flow is to the northwest. A groundwater elevation contour map and a tabulation of the casing elevations and depth to water measurements are shown on Figure 3.

4.5 Sample Collection and Chemical Analysis

4.5.1 Soil Sampling

One soil sample (SS-1) was collected for chemical analysis during this investigation from a floor drain within the southern portion of the Site building (Lot 19). The drain appeared to be associated with historic operations. Although the work plan initially proposed to collect soil samples from three floor drains, upon further investigation, it appeared that one of the floor drains was actually the house trap and the other drain had a concrete bottom that contained no soil; therefore, only one soil sample was collected from within the Site building. The soil sample was obtained using a hand auger and was field-screened using a PID.

Ten soil samples were collected for chemical analysis during this investigation from three soil borings (SSB-1 through SSB-3) advanced at the Site. Three soil samples per boring were collected. Soil samples were collected from the 0 to 2 feet below grade interval, the 5 to 7 foot interval, and from the boring terminus. An additional soil sample was collected from the terminus of soil boring MW-3 (16.5-17 feet below grade) as field evidence of contamination (petroleum-like odors, staining, and a PID reading of 30 ppm) was observed. In addition, one trip blank, one field blank, one blind duplicate, and one matrix spike/matrix spike duplicate were collected. No soil samples were collected from soil borings MW-1 or MW-2 in accordance with the work plan. Soil samples collected from soil borings SSB-1 through SSB-3 were analyzed for VOCs, SVOCs, TAL metals, PCBs, and pesticides. The soil sample collected from soil boring MW-3 was analyzed

for VOCs and SVOCs only. AKRF field personnel documented and recorded soil conditions, which is described on the soil boring logs included in Attachment A.

Samples were placed into laboratory-supplied containers, were labeled and placed in an ice-filled cooler and shipped to the laboratory via courier with appropriate chain-of-custody documentation. All samples were analyzed by Accutest using Category B deliverables. Soil sample collection for chemical analyses, including dates of collection and sample depths, are reported in Tables 1 through 4. Figure 2 shows the soil boring and sample locations. All data was validated by a third-party data validator and a DUSR was prepared. The DUSR is included as Appendix C.

4.5.2 Soil Vapor Sampling

One soil vapor sample (SSV-1) and one ambient air sample (SAA-1) were collected for chemical analysis during this investigation in accordance with the *New York State Department of Health (NYSDOH) Final Guidance on Soil Vapor Intrusion, October 2006*. The soil vapor sample was collected from approximately five feet below the concrete floor slab within the Site building. The ambient air sample was collected from the exterior portion of the Site for QA/QC purposes.

Prior to collection, the soil vapor probe was purged of three sample volumes using a peristaltic pump at a flow rate of approximately 0.1 liters/minute. During purging, an inverted five-gallon bucket was placed over each sampling point and helium gas was introduced through a small hole in the bucket to saturate the atmosphere around the sample port with helium gas. Purged vapors were collected in a Tedlar bag and field-screened for organic vapors using a PID. The purged air was also monitored using a portable helium detector to check for short-circuiting of ambient air into the soil vapor sampling point. The soil vapor point passed the seal integrity test with a helium reading of ND (Not Detected). No PID readings were detected.

After purging, the probe was connected via Teflon-lined polyethylene tubing to a laboratory-supplied 6-liter SUMMA canister equipped with a flow regulator set to collect a sample over a two-hour sampling period. The ambient air sample was collected from the vacant portion of the Site in a 6-liter SUMMA canister for an approximately two-hour sampling period. The ambient air sample was collected concurrently with the soil vapor sample to establish background conditions and for comparison purposes. Immediately after opening the flow control valve, the initial SUMMA canister vacuum (inches of mercury) was noted. After approximately two hours, the flow controller valve was closed, the final vacuum noted, and the canister placed in a shipping carton for delivery to the laboratory.

Sample containers were labeled and placed in a shipping carton and shipped to the laboratory via courier with appropriate chain of custody documentation. All samples were analyzed by Accutest, a NYSDOH certified laboratory, with Category B deliverables for VOCs TO-15. All data was validated by a third-party data validator and a DUSR was prepared. The soil vapor and ambient air sampling locations are shown on Figure 2. Soil vapor and ambient air sample data is reported in Table 5. The DUSR is included as Appendix C.

4.5.3 Groundwater Sampling

Three groundwater samples (MW-1 to MW-3) were collected for chemical analysis during this investigation using low-flow sampling methodology. In addition, one trip blank, one field blank, one blind duplicate, and one matrix spike/matrix spike duplicate were collected. Groundwater samples collected from the wells were analyzed for VOCs using EPA Method 8260, SVOCs using EPA Method 8270, pesticides using EPA Method 8081, PCBs using EPA Method 8082, and TAL metals (6000/7000 series). The

groundwater analyses for metals was conducted on both filtered and unfiltered samples; filtering occurred in the field using inline filters.

All samples were analyzed by Accutest Laboratories (Accutest), a New York State Department of Health (NYSDOH) certified laboratory, with Category B deliverables for VOCs using EPA Method 8260, SVOCs using EPA Method 8270, pesticides using EPA Method 8081, PCBs using EPA Method 8082, and TAL metals (6000/7000 series) (filtered and unfiltered). Sample containers were labeled and placed in an ice-filled cooler and shipped to the laboratory via courier with appropriate chain-of-custody documentation. Third-party data validation was performed and reported a DUSR was prepared. The groundwater sample locations are shown on Figure 2. Groundwater data is reported in Tables 5 through 8. Monitoring well installation, development, and sampling logs are included as Appendix B.

4.5.4 Chemical Analysis

Chemical analytical work has been performed under a quality assurance program that includes the following:

Factor	Description
Quality Assurance Officer	The chemical analytical QA/QC was directed by Michelle Lapin, P.E., of AKRF.
Third Party Data Validator	The third-party data validation was performed by Lori Beyer of L.A.B. Validation Corp.
Chemical Analytical Laboratory	Chemical analytical laboratory used in this investigation was Accutest Laboratories of Dayton, New Jersey, a NYS Environmental Laboratory Approval Program (ELAP)-certified laboratory.
Chemical Analytical Methods	Soil analytical methods: • TAL Metals by EPA Method 6000/7000 (rev. 2007) • TCL VOCs by EPA Method 8260C (rev. 2006) • TCL SVOCs by EPA Method 8270D (rev. 2007) • TCL Pesticides by EPA Method 8081B (rev. 2000) • TCL PCBs by EPA Method 8082A (rev. 2000) Groundwater analytical methods: • TAL Metals (total and dissolved) by EPA Method 6000/7000 (rev. 2007) • TCL VOCs by EPA Method 8260C (rev. 2006) • TCL SVOCs by EPA Method 8270D (rev. 2007) • TCL Pesticides by EPA Method 8081B (rev. 2000) • TCL PCBs by EPA Method 8082A (rev. 2000) Soil vapor and ambient air analytical method: • VOCs by EPA Method TO-15

4.5.5 Quality Assurance/Quality Control (QA/QC)

QA/QC procedures were used to provide performance information with regard to accuracy, precision, sensitivity, representation, completeness, and comparability associated with the sampling and analysis for this investigation. Field QA/QC procedures were used (1) to document that samples are representative of actual conditions at the Site and (2) to identify possible cross-contamination from field activities or sample transit. Laboratory QA/QC procedures and analyses were used to demonstrate whether analytical results have been biased either by interfering compounds in the sample matrix, or by laboratory techniques that may have introduced systematic or random errors to the analytical process.

QA/QC samples were analyzed at an ELAP-certified laboratory. QA/QC sampling consisted of the following:

- One blind soil duplicate sample;
- One soil matrix spike/matrix spike duplicate (MS/MSD) sample;
- One groundwater blind duplicate sample;
- One groundwater MS/MSD sample;

- Two aqueous trip blank samples;
- Two aqueous field blank samples; and
- One ambient air SUMMA canister.

QA/QC samples were submitted with the collected soil, groundwater, and soil vapor samples. The field blanks, duplicate soil samples, and MS/MSDs were analyzed for the same analyte list as the accompanying soil and groundwater samples. The trip blank samples were submitted for laboratory analysis for VOCs by EPA Method 8260. The ambient air sample was analyzed for VOCs by EPA Method TO-15. The third-party data validation performed by L.A.B. Validation Corp. was reported in DUSRs for soil, groundwater, air, and soil vapor laboratory analytical data sets (see Appendix C).

Two VOCs, bromodichlormethane and chloroform, were detected in the field blank submitted with the groundwater samples on March 11, 2015. Therefore, laboratory reported concentrations of chloroform in groundwater samples MW-1, MW-2, and MW-2 blind duplicate sample MW-X were negated. The reported concentration in MW-3 was not negated; however, it is noted that this detection should be utilized with caution when making decisions soley based on this detection. In addition, soil sample MW-3 (16.5-17) was re-ananalyzed at 1 gram due to complicated matrix and demonstrated matrix intereference of non-target petroleum range analytes. The 1 gram re-analysis was determined to be acceptable.

Low level VOC concentrations were noted in the ambient air sample. These VOCs were detected at concentrations well below the soil vapor concentrations and are not likely to be related to Site contamination or sample compromise.

The DUSR identified additional qualifiers for specific compounds for specific samples. These qualifiers have been added to the data summary tables provided as Tables 1 through 9. The data sets were determined to be acceptable for use with the additional data qualifiers. The changes included the addition of a “J” qualifier indicating that the contaminant detections in the samples were considered estimated values, or in several cases, change to a “UJ” qualifier indicating the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample. The “R” qualifier indicates that the data are unusable and were rejected due to instrument calibration criteria. The “N” qualifier indicates the presence of an analyte for which there is presumptive evidence to make a tentative identification. The “NJ” qualifier indicates the presence of an analyte that has been tentatively identified and the associated numerical value represents its approximate quantity. The “J+” qualifier indicates an estimated quantity biased high and the “J-” qualifier indicates an estimated quantity biased low. The “D” qualifier indicates a concentration from diluted analysis.

5.0 NATURE AND EXTENT OF CONTAMINATION

5.1 Geological and Hydrogeological Conditions

5.1.1 Topography

Surface topography is generally level, except for a slight slope on the northeastern corner of the Site that descends towards East 162nd Street. Based on reports compiled by the U.S. Geological Survey (Central Park Quadrangle), the Site lies at an elevation of approximately 30 feet above the National Geodetic Vertical Datum of 1929 (an approximation of sea level).

5.1.2 Stratigraphy

Soil observed during the investigation consisted primarily of sand with varying amounts of gravel and silt. Fill was observed in the soil borings from grade, up to six feet below grade and contained sand, gravel, glass, brick, and concrete. The fill was underlain by apparent native sand and gravel underlain by bedrock encountered between 9 and 17 feet below grade. Suspect contamination (e.g., PID readings, staining, and odors) was observed directly above bedrock in boring MW-3 from 16.5 to 17 feet below grade.

5.1.3 Hydrogeology

Groundwater was encountered within bedrock fractures between 14.72 and 17.15 feet below grade at the Site. Site-specific groundwater flow is generally to the northwest. Regional groundwater flow is generally to the south towards the Harlem River, located approximately 1.7 miles south of the Site. Groundwater in the Bronx is not used as a source of drinking water. A groundwater elevation contour map and a tabulation of the casing elevations and depth to water measurements are shown on Figure 3.

5.2 Soil Analytical Results

Eleven soil samples were collected for laboratory analysis. Soil sample analytical results were compared to the NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs) and the NYSDEC Restricted Residential Use Soil Cleanup Objectives (RRSCOs) listed in 6 NYCRR Subpart 375.

Soil sample analytical results are included in Tables 1 through 4 and the sample locations are shown on Figure 2. A concentration map depicting exceedances of the UUSCOs and/or RRSCOs in soil is provided as Figure 4.

5.2.1 Volatile Organic Compounds in Soil

The VOCs acetone, carbon disulfide, chloroform, ethylbenzene, isopropylbenzene, m,p-xylene, methylchylohexane, o-xylene, tetrachloroethene, toluene, and xylenes were detected in one or more of the soil samples analyzed at concentrations below applicable UUSCOs or RRSCOs. Soil VOC results are presented in Table 1.

5.2.2 Semivolatile Organic Compounds in Soil

Twenty-four SVOCs were detected in 8 soil samples analyzed with a maximum total SVOC concentration of 11,449.3 ppb in the soil sample collected from SSB-1 (5-7). Two polycyclic aromatic hydrocarbons (PAHs), dibenzo(a,h)anthracene and indeno[1,2,3-cd]pyrene, were detected in soil sample SSB-1 (5-7) at concentrations above their respective UUSCOs and RRSCOs. Soil SVOC results are presented in Table 2.

5.2.3 Metals in Soil

Up to 21 of the 23 metals analyzed were detected in all soil samples analyzed. Eight metals, including arsenic (up to 16.1 ppm), barium (up to 792 ppm), cadmium (up to 17.7 ppm), copper (up to 270 ppm), lead (up to 1,940 ppm), mercury (up to 44 ppm), nickel (up to 43.1 ppm), and zinc (up to 1,320 ppm), exceeded their respective UUSCOs in 7 of the soil samples. Of these metals, arsenic in one sample, barium in two samples, cadmium in three samples, lead in three samples, and mercury in three samples exceeded their respective RRSCOs. Soil metals results are presented in Table 3.

5.2.4 Polychlorinated Biphenyls and Pesticides in Soil

One PCB was detected in four soil samples analyzed. Aroclor 1262 was detected at concentrations of 485 ppb and 451 ppb in soil samples SSB-1 (0-2) and SS-1, respectively, above the 100 ppb UUSCO for total PCBs, and at concentrations of 14,700 ppb and 3,030 ppb in soil samples SSB-1 (5-7) and SSB-1 (7-9), respectively, above the 1,000 ppb RRSCO for total PCBs.

Up to eight pesticides were detected in nine soil samples analyzed; 4,4'-DDD, 4,4'-DDE, alpha-chlordane, dieldrin, endrin, gamma-BHC (lindane), and heptachlor were detected in up to seven of the soil samples at concentrations exceeding their respective UUSCOs. Additionally, alpha-chlordane and dieldrin were detected at concentrations exceeding their respective RRSCOs in soil samples SSB-1 (0-2), SSB-1 (5-7), and SSB-1 (7-9). Dieldrin was also detected at a concentration exceeding its respective RRSCO in soil sample SS-1. Soil sample results for PCBs and pesticides are presented in Table 4.

5.3 Groundwater Analytical Results

Three groundwater samples were collected for laboratory analysis. Groundwater analytical results were compared to the NYSDEC Class GA Ambient Water Quality Standards (AWQS) (drinking water standards), although groundwater is not used as a source of potable water in the Bronx.

Groundwater sample analytical results are included in Tables 4 through 8, and sample locations are shown on Figure 2. A concentration map depicting exceedances of the AWQSs in groundwater is provided as Figure 4.

5.3.1 Volatile Organic Compounds in Groundwater

The VOCs acetone, bromodichloromethane, chloroform, tetrachloroethene, and toluene were detected in the groundwater samples. Chloroform was detected in each of the groundwater samples and exceeded its AWQS of 7 µg/L in groundwater sample MW-3 at a concentration of 9.5 micrograms per liter (µg/L). Two VOCs, bromodichloromethane and chloroform, were detected at low levels below applicable AWQS in the aqueous field blank. According to the DUSR, the detection of chloroform in MW-3 should be utilized with caution when making decisions soley based on this detection. Groundwater analytical results for VOCs are presented in Table 5.

5.3.2 Semivolatile Organic Compounds in Groundwater

No SVOCs were detected in groundwater sample MW-1. Two SVOCs, acenaphthene and acetophenone, were detected in groundwater samples MW-2 and MW-3 at concentrations below their respective AWQS. Groundwater analytical results for SVOCs are presented in Table 6.

5.3.3 Metals in Groundwater

Fourteen metals were detected in the unfiltered groundwater samples (total metals analysis) and ten metals were detected in the filtered samples (dissolved metals analysis).

Four total metals (iron, magnesium, manganese, and sodium) and three dissolved metals (iron, magnesium, and sodium) were detected in at least one of the groundwater samples above their respective AWQS. The metals detected above AWQS in the total and dissolved groundwater samples are typical of groundwater quality in the Bronx and are not related to a spill or release. Groundwater analytical results for metals are presented in Table 7.

5.3.4 Polychlorinated Biphenyls and Pesticides in Groundwater

No PCBs or pesticides were detected in the groundwater samples. Groundwater analytical results for PCBs and pesticides are presented in Table 8.

5.4 Soil Vapor and Ambient Air Analytical Results

One soil vapor sample and one ambient air sample was collected for laboratory analysis. Concentrations of VOCs detected in the soil gas and ambient air samples were compared to the NYSDOH 2006 Guidance for Evaluating Soil Vapor Intrusion air guideline values (AGVs) and matrices, and the September 2013 NYSDOH Fact Sheet update for PCE. These values provide a means of comparison; however, since the AGVs reflect indoor air conditions, the comparison assumes that any soil vapor detected would completely penetrate into the building, a condition that does not typically occur. In addition, AGVs have only been established for five VOCs [carbon tetrachloride, methylene chloride, 1,1,1-trichloroethane (1,1,1-TCA), trichloroethene (TCE), and PCE] and matrices have only been established for carbon tetrachloride, PCE, 1,1,1-TCA, TCE, vinyl chloride, 1,1-dichloroethene, and cis-1,2-dichloroethene.

A summary table of data for chemical analyses performed on soil vapor and the ambient air sample is included in Table 5. Soil vapor and ambient air sample locations are shown on Figure 2. Figure 6 depicts soil vapor and ambient air concentrations above AGVs.

5.4.1 Volatile Organic Compounds in Soil Vapor

Thirteen VOCs [1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 2,2,4-trimethylpentane, 4-ethyltoluene, ethanol, ethylbenzene, heptane, hexane, m,p-xylene, o-xylene, styrene, tetrachloroethylene (PCE), and toluene] were detected in the soil vapor sample. PCE was detected at a concentration of 111 micrograms per cubic meter ($\mu g/m^3$), which is above its NYSDOH AGV of 30 $\mu g/m^3$. VOCs associated with petroleum [including benzene, toluene, ethylbenzene, xylenes (collectively referred to as BTEX), 1,2,4- and 1,3,5-trimethylbenzene, ethanol, ethylbenzene, heptane, hexane, m,p-xylene, and o-xylene,] were detected at concentrations up to 123,000 $\mu g/m^3$. Solvent-related VOCs (including styrene, PCE, and toluene) were detected at concentrations up to 871 $\mu g/m^3$.

5.4.2 Volatile Organic Compounds in Ambient Air

Low level VOC concentrations were also noted in the ambient air sample. The VOCs 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 2,2,4-trimethylpentane, 4-ethyltoluene, acetone, benzene, cis-1,2-dichloroethylene, dichlorodifluoromethane, ethanol, ethyl benzene, hexane, isopropyl alcohol, m,p-xylene, methyl ethyl ketone, o-xylene, propylene, toluene, trichlorofluoromethane, and xylenes were detected at concentrations below soil vapor concentrations, are not included in the NYSDOH matrices, and are not likely to be related to Site contamination. Acetone, benzene, cis-1,2-dichloroethylene, dichlorodifluoromethane, methyl ethyl ketone, propylene, and trichlorofluoromethane were detected in the ambient air sample but were not detected in the soil vapor sample.

6.0 QUALITATIVE HUMAN HEALTH EXPOSURE ASSESSMENT

The objective of the qualitative exposure assessment is to identify potential receptors and pathways for human exposure to the contaminants of concern (COC) that are present at, or migrating from, the Site. The identification of exposure pathways describes the route that the COC takes to travel from the source to the receptor. An identified pathway indicates that the potential for exposure exists; it does not imply that exposures actually occur.

The Remedial Investigation and Supplemental Remedial Investigation as described in the Remedial Investigation Report (RIR) and SRIR are sufficient to complete a Qualitative Human Health Exposure Assessment (QHHEA). The QHHEA was performed to determine whether the Site poses an existing or future health hazard to the Site's exposed or potentially exposed population. The sampling data from the RI and supplemental RI were evaluated to determine whether there is any health risk by characterizing the exposure setting, identifying exposure pathways, and evaluating contaminant fate and transport. This QHHEA was prepared in accordance with Appendix 3B and Section 3.3 (b) 8 of the NYSDEC Draft DER-10 Technical Guidance for Site Investigation and Remediation.

6.1 Contaminants of Concern in Respective Media

Based on the results of the RI and SRI, the contaminants of concern are:

Soil:

The VOCs m,p-Xylene and o-Xylene were detected above their respective UUSCOs.

The SVOCs benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene were detected above their respective UUSCOs and/or RRSCOs.

The metals arsenic, barium, cadmium, chromium, copper, lead, mercury, nickel, silver, and zinc were detected above their respective UUSCOs and/or RRSCOs.

PCB Aroclor 1262 was detected above the UUSCO and RRSCO for total PCBs.

The pesticides 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Aldrin, alpha-Chlordane, dieldrin, endrin, gamma-BHC (Lindane), and heptachlor were detected above their respective UUSCOs and/or RRSCOs.

Groundwater:

The VOC chloroform was detected in groundwater above AWQS.

Total metals, including iron, manganese, magnesium, and sodium and dissolved metals, including iron, magnesium, and sodium, exceeded AWQS.

Soil Vapor:

The VOCs carbon tetrachloride, methylene chloride, and tetrachloroethylene (PCE) were detected above their respective AGVs.

VOCs associated with petroleum [including benzene, toluene, ethylbenzene, xylenes (collectively referred to as BTEX), 1,2,4- and 1,3,5-trimethylbenzene, ethanol, ethylbenzene, heptane, hexane, m,p-xylene, and o-xylene,] were detected at concentrations up to 123,000 $\mu g/m^3$ and solvent-related VOCs (including styrene, PCE, and toluene) were detected at concentrations up to 871 $\mu g/m^3$.

6.2 Potential Routes of Exposure

The five elements of an exposure pathway are:

1. The source of contamination;
2. The environmental media and transport mechanisms;

3. The point of exposure;
4. The route of exposure; and
5. The receptor population.

These elements of an exposure pathway may be based on past, present, or future events. An exposure pathway is considered complete when all five elements of an exposure pathway are documented. A potential exposure pathway exists when any one or more of the five elements comprising an exposure pathway cannot be documented. An exposure pathway may be eliminated from further evaluation when any one of the five elements comprising an exposure pathway has not existed in the past, does not exist in the present, and will never exist in the future.

6.3 Exposure Route

An exposure route is the mechanism by which a receptor comes into contact with a chemical. Three potential primary routes exist by which chemicals can enter the body:

- Ingestion of water, fill, or soil;
- Inhalation of vapors and particulates; and
- Dermal contact with water, fill, soil, or building materials.

6.4 Potential Receptors

The Site is currently occupied by a vacant warehouse building and vacant lots. The area immediately surrounding the Site is predominantly residential, commercial, and industrial in nature. The proposed future use of the Site is residential with retail use. The land use in the surrounding area is anticipated to remain residential/commercial since several new residential/commercial projects are under construction in the neighborhood.

On-Site Receptors: As the Site is currently vacant and the on-site building is not occupied, the only on-site potential sensitive receptors are trespassers.

During redevelopment of the Site, the on-site potential sensitive receptors will include construction workers and inspectors. Once the Site is redeveloped, the on-site potential sensitive receptors will include: adult and child residents, maintenance staff, and commercial workers.

Off-Site Receptors: Potential off-site receptors within a 0.25-mile radius of the Site include: adult and child residents, commercial and construction workers, students, pedestrians, trespassers, and cyclists, based on the following:

1. Commercial Businesses – existing and future
2. Residential Buildings – existing and future
3. Building Construction/Renovation – existing and future
4. Pedestrians, Trespassers, Cyclists – existing and future
5. Schools – existing and future

6.5 Existence of Human Health Exposure Pathways

This evaluation consists of the following components: contaminant source; contaminant release and transport mechanism; point of exposure; route of exposure; and receptor population.

On-Site Existing Conditions: Although the Site is fenced and locked, there is a potential exposure pathway from surface soil/fill to trespassers.

Off-Site Existing Conditions: There is an existing potential exposure pathway from VOCs in soil gas to enter into the adjoining buildings as a result of any basement floor or lower wall openings/cracks. The indoor air quality at the adjoining properties may be susceptible to contamination from subsurface vapor intrusion attributable to VOCs emitted from the Site. The

potential receptors from such a migration pathway into the building would be to off-site construction and commercial workers, and adult and child residents. The primary route of exposure would be inhalation. There is also a potential exposure pathway from any dust emanating from the Site to off-site pedestrians, visitors, cyclists, and adult and child residents.

On-Site Future Conditions: Once redevelopment activities begin, there will be a potential exposure pathway from construction workers coming into direct contact with surface and subsurface soils as a result of construction and excavation activities. In addition, on-site construction workers potentially could ingest or inhale dust from any exposed impacted soil and fill. Similarly, off-site receptors could be exposed to dust and vapors from on-site activities.

Once the redevelopment of the Site has been completed (assuming no remediation) there will be a potential exposure pathway to adult and child residents, maintenance staff, and commercial workers from the inhalation of any potential off-gassing of VOC vapors from the subsurface. The VOC vapors could migrate from residual compounds in the soil and/or groundwater and enter the building through any cracks or openings in the foundation. There will also be a potential exposure pathway from dermal contact, inhalation, or ingestion of surface soil/fill in any landscaped or non-capped areas by adult and child residents, visitors, and trespassers.

Off-Site Future Conditions: There is a potential exposure pathway from soil gas emanating from the subsurface to enter into the adjoining buildings as a result of any basement floor or lower wall openings/cracks. The indoor air quality at the adjoining properties would be susceptible to contamination from subsurface vapor intrusion. Off-site commercial workers and adult or child residents could potentially inhale these vapors. There will also be a potential exposure pathway from any dust emanating from the Site to off-site pedestrians, visitors, cyclists, and adult and child residents.

6.6 Overall Human Health Exposure Assessment

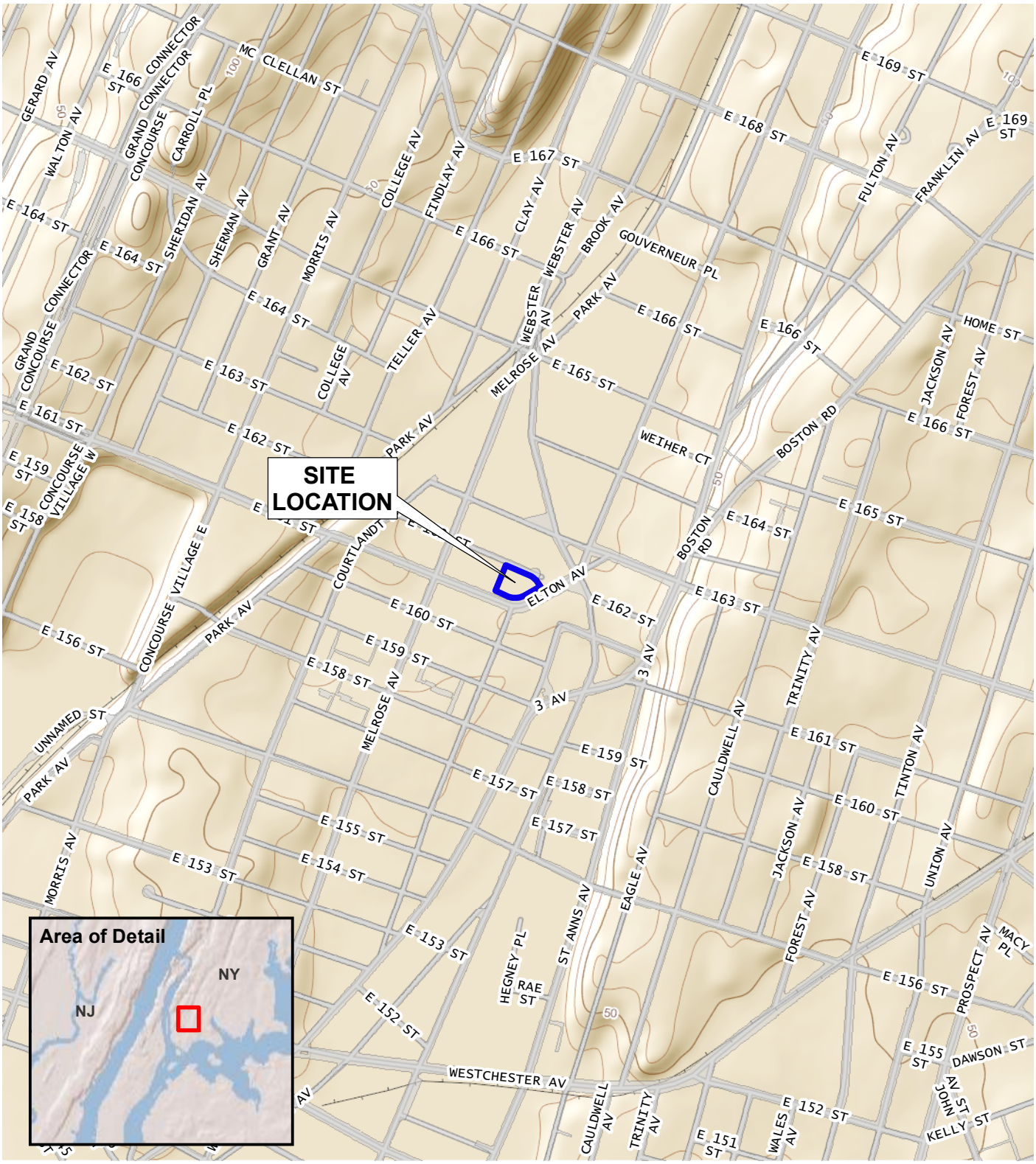
Exposure pathways for the current Site condition include ingestion and/or dermal contact with exposed soil/fill at the Site to trespassers; inhalation from dust emanating from the Site to tresspassers and off-site pedestrians, visitors, cyclists, and adult and child residents; and from inhalation of VOCs from soil gas emanating from the Site entering into the adjoining buildings by off-site construction and commercial workers, and adult and child residents. Once redevelopment activities begin, there will be a potential exposure pathway from contaminated surface soil/fill to construction workers as these workers could potentially ingest, inhale or have dermal contact with any exposed impacted fill or soil. Without remediation, once redevelopment of the Site has been completed, there will be a potential exposure pathway from the potential off-gassing of residual organic vapors in the subsurface to adult and child residents, maintenance staff, visitors, and commercial workers through cracks or openings in the foundations of the new building and surrounding buildings. There will also be a potential exposure pathway from dermal contact, inhalation, or ingestion of surface soil in any landscaped or non-capped areas by adult and child residents, visitors, and trespassers. In addition, there will be a potential exposure pathway from any dust emanating from the Site to off-site pedestrians, visitors, cyclists, and adult and child residents.

Based on the results of the QHHEA, a NYSDEC-approved Remedial Action Work Plan (RAWP) should be implemented to ensure that the potential exposure pathways identified do not become complete. The RAWP should address the contaminated soil/fill at the Site and the implementation of certain engineering and/or institutional controls.

7.0 CONCLUSIONS

Based on an evaluation of the data collected from the Site as part of the Supplemental RI, there is some contaminated sediment, soil, groundwater, and soil vapor present at the Site. The elevated levels of PCBs, pesticides and metals in the soil and sediment, detection of chloroform in the groundwater, and the elevated levels of VOCs in the soil vapor seem to be attributed to the historic usage of the Site. Based on the results of the QHHEA, which was based on the findings of both the RI and Supplemental RI, a NYSDEC-approved Remedial Action Work Plan (RAWP) should be implemented to ensure that the potential exposure pathways identified do not become complete. The RAWP should address the contaminated soil/fill at the Site and include the implementation of certain engineering and/or institutional controls.

FIGURES



SOURCE
USGS 7.5 Minute Topographic Map
Central Park Quad 2011

0 1,000 2,000 Feet

Elton Crossing/Site C - Family
899 Elton Ave
Bronx, New York

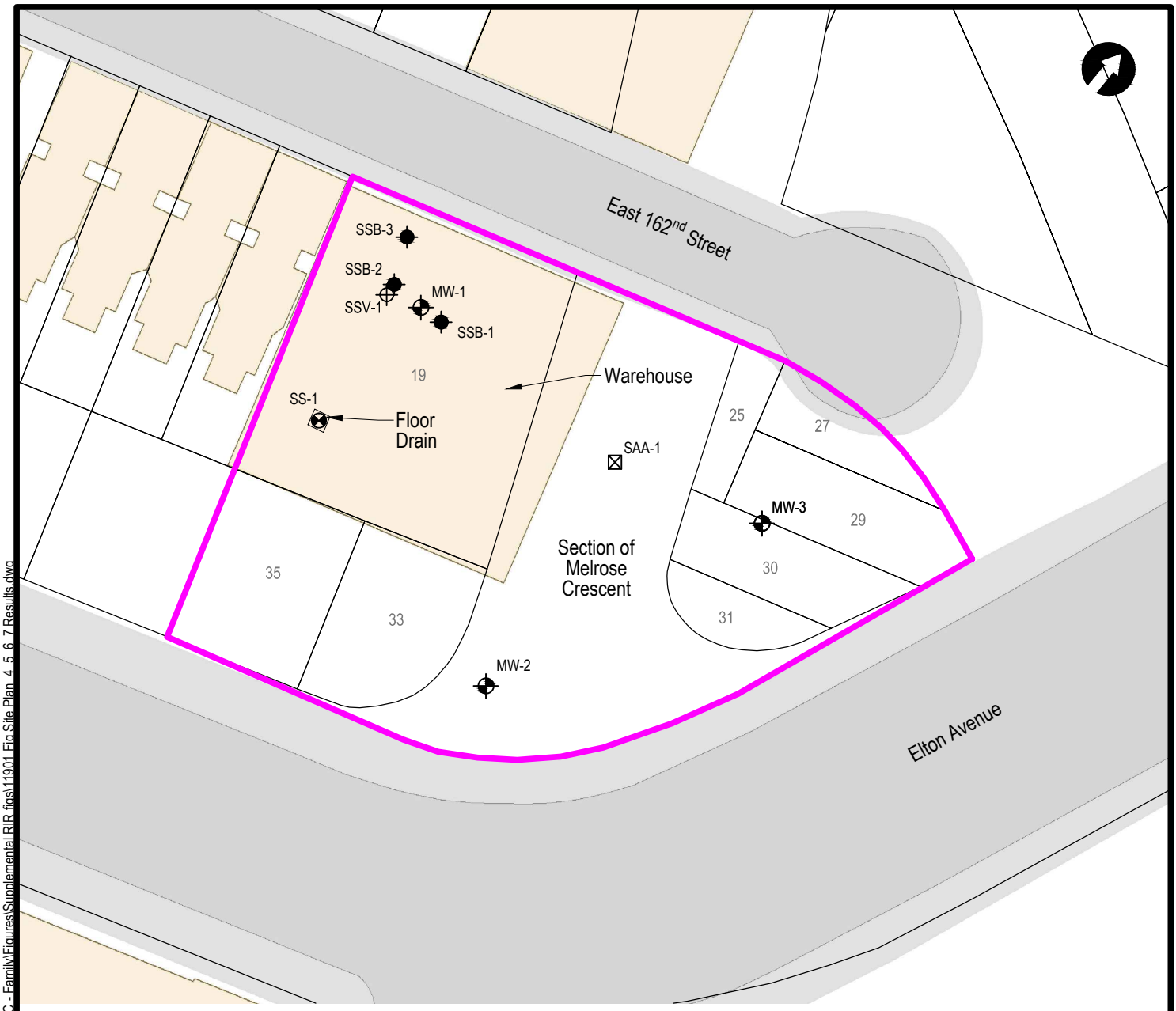
SITE LOCATION

AKRF
Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

DATE
4/8/2015

PROJECT No.
11901

FIGURE
1



Map Source:
NYCDCP (NYC Dept. of City Planning 2014) GIS database

LEGEND:

- 33 — LOT NUMBERS
- LOT LINE
- PROJECT SITE BOUNDARY
- SSV-1 — SOIL VAPOR SAMPLE LOCATION
- SAA-1 — AMBIENT AIR SAMPLE LOCATION
- SSB-2 — SOIL BORING LOCATION
- MW-2 — MONITORING WELL LOCATION
- SS-1 — SOIL SAMPLE LOCATION

0' 25' 50' 100'
SCALE IN FEET

Elton Crossing/Site C - Family
899 Elton Avenue
Bronx, New York

SITE PLAN & SAMPLE LOCATIONS

AKRF
Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

DATE 5.21.2015
PROJECT No. 11901
SCALE as shown
FIGURE 2

East 162nd Street

12.77
MW-1

13.0

13.5

14.0

14.5

15.0

15.30
MW-3

15.5

16.0

16.45
MW-2

Elton Avenue

Well ID	Top of Casing Elevation (ft)	Depth to Groundwater (ft. below TOC)	Groundwater Elevation (ft.)
MW-1	27.49	14.72	12.77
MW-2	32.47	16.02	16.45
MW-3	32.45	17.15	15.30

LEGEND:

- PROJECT SITE LOCATION
- 12.77 MW-1 — WATER TABLE ELEVATION IN FEET MONITORING WELL
- 15.5 — ELEVATION CONTOUR IN FEET
- DASHED WHERE INFERRED
- ANTICPATED GROUNDWATER FLOW DIRECTION

0' 20' 40' 80'
SCALE IN FEET

Survey Source
Elevations and Established grades shown on this survey map refer to NAVD 1988 which is 1.508 Feet below the Bronx Topographical Bureau Datum

AKRF
Environmental Consultants
440 Park Avenue South, New York, NY 10016

Elton Crossing/Site C-Family
899 Elton Avenue
Bronx, New York

WATER TABLE ELEVATION CONTOURS 3/11/2015

DATE
4.13.2015

PROJECT NO.
11901

SCALE
as shown

FIGURE
3

Sample ID	NYSDEC	NYSDEC	SSB-3 (0-2)	SSB-3 (5-7)	SSB-3 (7.5-9.5)
Date Sampled	UUSCOs	RRSCOs	2/26/2015	2/26/2015	2/26/2015
Pesticides	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
4,4'-DDE	3.3	8,900	2.6	20.2	0.73 U

Sample ID	NYSDEC	NYSDEC	SSB-1 (0-2)	SSB-1 (5-7)	SSB-1 (7-9)
Date Sampled	UUSCOs	RRSCOs	2/25/2015	2/25/2015	2/25/2015
SVOCs	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Dibenzo(a,h)anthracene	330	330	240 U	406	98.5
Indeno(1,2,3-cd)pyrene	500	500	420	1,230	55.3
Metals	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Arsenic	13	16	16.1 c	14.5	4.6
Barium	350	400	792	492	139
Cadmium	2.5	4.3	11.9 c	17.7	4.3
Copper	50	270	198 c	270	95.3
Lead	63	400	935 c	1,940	373
Mercury	0.18	0.81	44	5.3	0.82
Nickel	30	310	34.7	43.1	30.6
Zinc	109	10,000	1,280	1,320	404
Polychlorinated Biphenyls	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Total PCBs	100	1,000	14,700	3,030	485
Pesticides	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
4,4'-DDD	3.3	13,000	7,320	7,280	2,150
4,4'-DDE	3.3	8,900	2,710	1,030	530
alpha-Chlordane	94	4,200	19,400 a	13,600 a	8,330 a
Dieldrin	5	200	8,930	20,300	3,210
Endrin	14	11,000	817	834	330
gamma-BHC (Lindane)	100	1,300	253	958	0.84 U
Heptachlor	42	2,100	0.94 U	0.79 U	938

Sample ID	NYSDEC	NYSDEC	SSB-2 (0-2)	SSB-X	SSB-2 (5-7)	SSB-2 (8-10)
Date Sampled	UUSCOs	RRSCOs	2/25/2015	2/25/2015	2/25/2015	2/25/2015
Metals	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Lead	63	400	17	27	100	450
Zinc	109	10,000	73	79	99	633
Pesticides	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
4,4'-DDD	3.3	13,000	1.2	1.2	7.9	6.8
4,4'-DDE	3.3	8,900	1.9	2.3	61.2	59.3
Dieldrin	5	200	1.1	2.6	40.5	16.3

Sample ID	NYSDEC	NYSDEC	SS-1
Date Sampled	UUSCOs	RRSCOs	2/19/2015
Metals	mg/kg	mg/kg	mg/kg
Arsenic	13	16	13.3
Cadmium	2.5	4.3	7.1 c
Copper	50	270	130 c
Lead	63	400	354 c
Nickel	30	310	35.7
Zinc	109	10,000	833
Polychlorinated Biphenyls	µg/kg	µg/kg	µg/kg
Total PCBs	100	1,000	451
Pesticides	µg/kg	µg/kg	µg/kg
4,4'-DDD	3.3	13,000	144
4,4'-DDE	3.3	8,900	1,250
4,4'-DDT	3.3	7,900	1,190
Aldrin	5	97	23.1 a
alpha-Chlordane	94	4,200	2,340
Dieldrin	5	200	7,220
Endrin	14	11,000	168
Heptachlor	42	2,100	1,520

East 162nd Street

Elton Avenue

Warehouse

Floor Drain

Section of Melrose Crescent

SSB-3

SSB-2

SSB-1

SS-1

MW-3

19

25

27

29

30

31

35

33

0' 25' 50' 100'

SCALE IN FEET

SOIL

Part 375 Soil Cleanup Objectives:
Soil Cleanup Objectives listed in NYSDEC
(New York State Department of Environmental Conservation)
"Part 375" Regulations (6 NYCRR Part 375).

Exceedances of Part 375 Unrestricted Use SCOs (UUSCOS) are highlighted in bold font.
Exceedances of Part 375 Restricted Residential (RRSCOS) are highlighted in gray.

µg/kg:micrograms per kilogram = parts per billion (ppb)
mg/kg:milligrams per kilogram = parts per million (ppm)

U:The analyte was not detected at the indicated concentration.
c: Elevated detection limit due to dilution required for interfering element
a: More than 40% Relative Percent Difference (RPD) for detected concentrations between the two GC columns.

LEGEND:

- PROJECT SITE BOUNDARY
- LOT LINE
- SSB-2: SOIL BORING LOCATION
- SS-1: SOIL SAMPLE LOCATION
- MW-3: MONITORING WELL /SOIL SAMPLE LOCATION

SSB-X is a duplicate of SSB-2(0-2)

Sample ID	NYSDEC	NYSDEC	SSB-2 (0-2)	SSB-X	SSB-2 (5-7)	SSB-2 (8-10)
Date Sampled	UUSCOs	RRSCOs	2/25/2015	2/25/2015	2/25/2015	2/25/2015
Metals	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Lead	63	400	17	27	100	450
Zinc	109	10,000	73	79	99	633

Analyte/Compound in Soil

Sample ID

Sample Date

Concentration in Soil

AKRF
Environmental Consultants
440 Park Avenue South, New York, NY 10016

Elton Crossing/Site C - Family
899 Elton Avenue
Bronx, New York

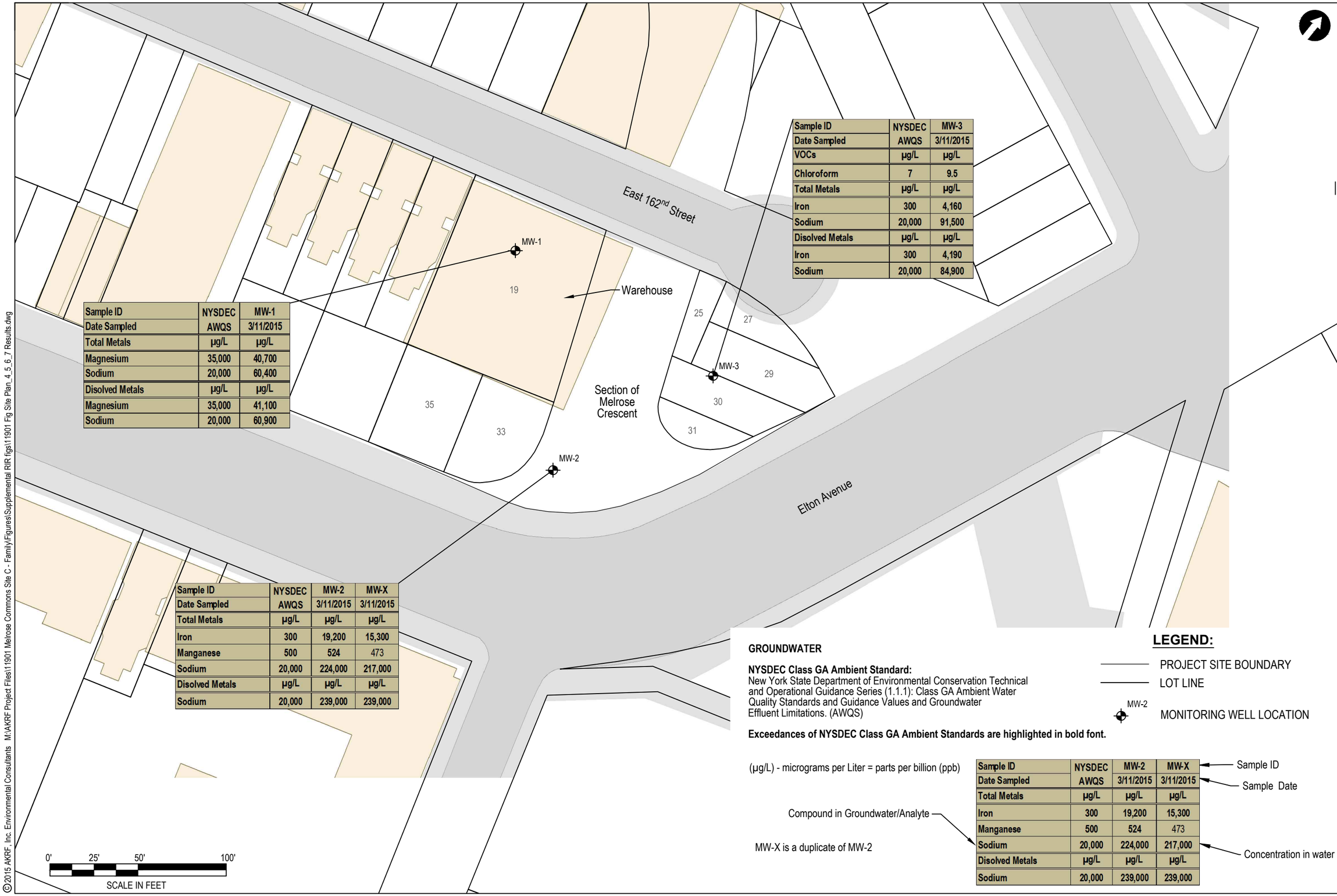
SOIL SAMPLE CONCENTRATIONS ABOVE NYSDEC SCOs

DATE
5.21.2015

PROJECT NO.
11901

SCALE
as shown

FIGURE
4



Sample ID	NYSDEC	MW-1
Date Sampled	AWQS	3/11/2015
Total Metals	µg/L	µg/L
Magnesium	35,000	40,700
Sodium	20,000	60,400
Disolved Metals	µg/L	µg/L
Magnesium	35,000	41,100
Sodium	20,000	60,900

Sample ID	NYSDEC	MW-3
Date Sampled	AWQS	3/11/2015
VOCs	µg/L	µg/L
Chloroform	7	9.5
Total Metals	µg/L	µg/L
Iron	300	4,160
Sodium	20,000	91,500
Disolved Metals	µg/L	µg/L
Iron	300	4,190
Sodium	20,000	84,900

Sample ID	NYSDEC	MW-2	MW-X
Date Sampled	AWQS	3/11/2015	3/11/2015
Total Metals	µg/L	µg/L	µg/L
Iron	300	19,200	15,300
Manganese	500	524	473
Sodium	20,000	224,000	217,000
Disolved Metals	µg/L	µg/L	µg/L
Sodium	20,000	239,000	239,000

GROUNDWATER

NYSDEC Class GA Ambient Standard:
New York State Department of Environmental Conservation Technical and Operational Guidance Series (1.1.1): Class GA Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. (AWQS)

Exceedances of NYSDEC Class GA Ambient Standards are highlighted in bold font.

(µg/L) - micrograms per Liter = parts per billion (ppb)

MW-X is a duplicate of MW-2

Sample ID	NYSDEC	MW-2	MW-X
Date Sampled	AWQS	3/11/2015	3/11/2015
Total Metals	µg/L	µg/L	µg/L
Iron	300	19,200	15,300
Manganese	500	524	473
Sodium	20,000	224,000	217,000
Disolved Metals	µg/L	µg/L	µg/L
Sodium	20,000	239,000	239,000

Sample ID

Sample Date

Compound in Groundwater/Analyte

Concentration in water

LEGEND:

PROJECT SITE BOUNDARY

LOT LINE

MW-2 MONITORING WELL LOCATION

AKRF
Environmental Consultants
440 Park Avenue South, New York, NY 10016

Elton Crossing/Site C - Family
899 Elton Avenue
Bronx, New York

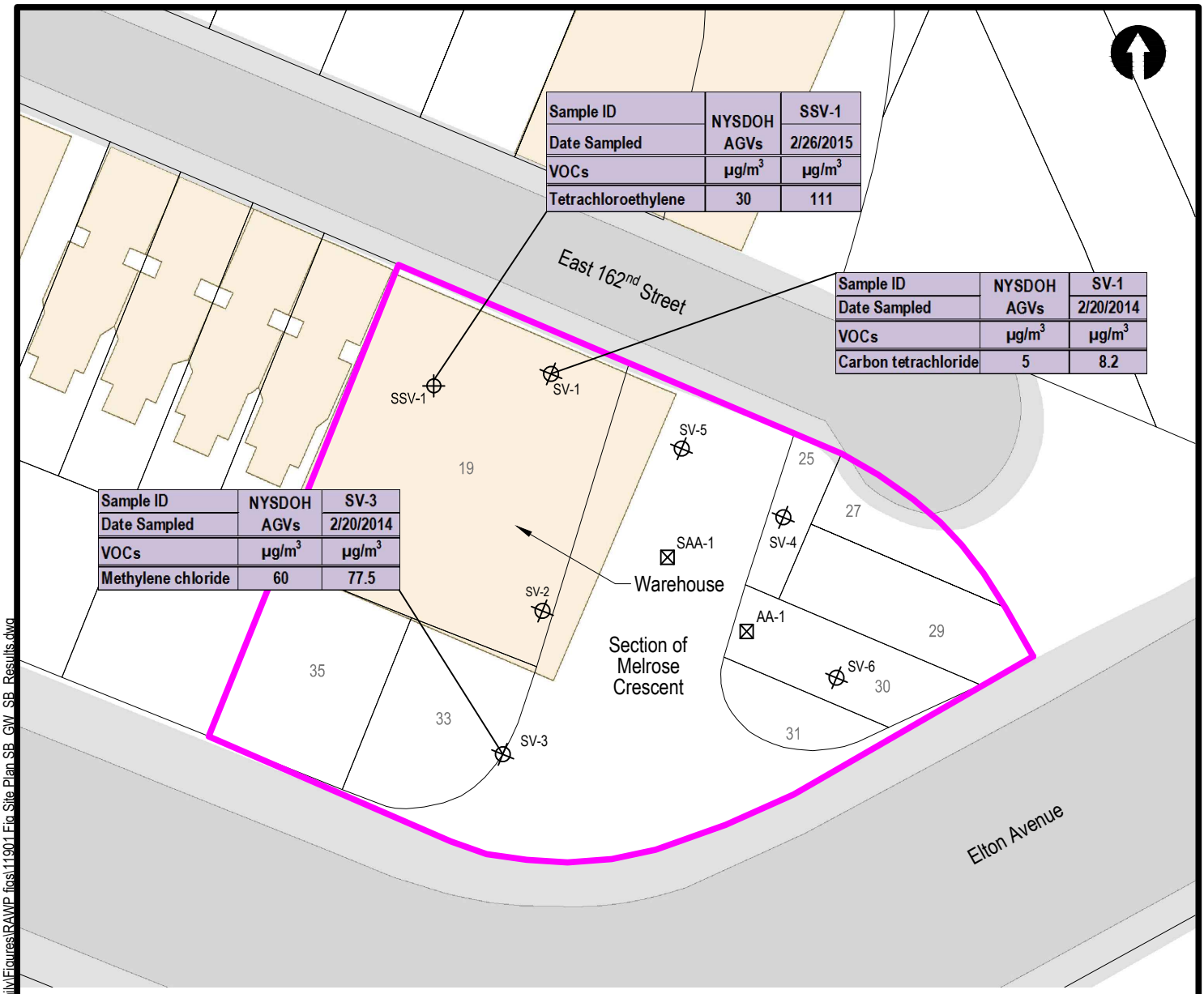
GROUNDWATER SAMPLE CONCENTRATIONS ABOVE NYSDEC AWQS

DATE
4.13.2015

PROJECT NO.
11901

SCALE
as shown

FIGURE
5



Sample ID	NYSDOH AGVs	SSV-1
Date Sampled		2/26/2015
VOCs	µg/m³	µg/m³
Tetrachloroethylene	30	111

Sample ID	NYSDOH AGVs	SV-1
Date Sampled		2/20/2014
VOCs	µg/m³	µg/m³
Carbon tetrachloride	5	8.2

Sample ID	NYSDOH AGVs	SV-3
Date Sampled		2/20/2014
VOCs	µg/m³	µg/m³
Methylene chloride	60	77.5

Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database

SOIL VAPOR

NYSDOH Soil Vapor Intrusion Air Guidance Value:
NYSDOH Air Guideline Values (AGVs) and/or matrix value presented in the Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006 (NYSDOH Vapor Intrusion Guidance Document).

Exceedances of NYSDOH Soil Vapor Intrusion Air Guidance Values are highlighted in bold font.

(µg/m³): micrograms per cubic meter

0' 50' 100'
SCALE IN FEET

LEGEND:

- PROJECT SITE BOUNDARY
- LOT LINE
- SSV-1 — SOIL VAPOR SAMPLE LOCATION
- SAA-1 — AMBIENT AIR SAMPLE LOCATION

Sample ID	NYSDOH AGVs	SV-3	← Sample ID
Date Sampled		2/20/2014	← Sample Date
VOCs	µg/m³	µg/m³	
Methylene chloride	60	77.5	← Concentration in Soil Vapor

Compound in Soil Vapor →

Elton Crossing/Site C - Family
899 Elton Avenue
Bronx, New York

SOIL VAPOR CONCENTRATIONS ABOVE AGVs

AKRF
Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

DATE 5.4.2015
PROJECT No. 11901
SCALE as shown
FIGURE 5

TABLES

Table 1
Elton Crossing Site C - Family
899 Elton Avenue
Bronx, NY
Subsurface Soil Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled µg/Kg	Part 375 Unrestricted SCO µg/Kg	Part 375 Restricted Residential SCO µg/Kg	SSB-1 (0-2) JB88935-1 2/25/2015	SSB-1 (5-7) JB88935-2 2/25/2015	SSB-1 (7-9) JB88935-3 2/25/2015	SSB-2 (0-2) JB88935-4 2/25/2015	SSB-X JB88935-7 2/25/2015	SSB-2 (5-7) JB88935-5 2/25/2015	SSB-2 (8-10) JB88935-6 2/25/2015	SSB-3 (0-2) JB88935-8 2/26/2015	SSB-3 (5-7) JB88935-9 2/26/2015	SSB-3 (7.5-9.5) JB88935-10 2/26/2015	MW-3 (16.5-17) JB88569-1 2/18/2015	SS-1 JB88569-2 2/19/2015	FB20150226 JB88935-12 2/26/2015 µg/L	TB20150226 JB88935-11 2/26/2015 µg/L
1,1,1-Trichloroethane	680	100,000	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 U	1 U	1 U
1,1,2,2-Tetrachloroethane	NS	NS	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 U	1 U	1 U
1,1,2-Trichloroethane	NS	NS	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 U	1 U	1 U
1,1-Dichloroethane	270	26,000	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 U	1 U	1 U
1,1-Dichloroethene	330	100,000	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 U	1 U	1 U
1,2,3-Trichlorobenzene	NS	NS	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 U	5 U	5 U
1,2,4-Trichlorobenzene	NS	NS	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 U	5 U	5 U
1,2-Dibromo-3-chloropropane	NS	NS	20 U	19 U	12 U	9.9 U	11 U	11 U	11 U	12 U	9.4 U	10 U	56 U	12 U	10 U	10 U
1,2-Dibromoethane	NS	NS	2 U	1.9 U	1.2 U	0.99 U	1.1 U	1.1 U	1.1 U	1.2 U	0.94 U	1 U	5.6 U	1.2 U	2 U	2 U
1,2-Dichlorobenzene	1,100	100,000	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 U	1 U	1 U
1,2-Dichloroethane	20	3,100	2 U	1.9 U	1.2 U	0.99 U	1.1 U	1.1 U	1.1 U	1.2 U	0.94 U	1 U	5.6 U	1.2 UJ	1 U	1 U
1,2-Dichloropropane	NS	NS	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 U	1 U	1 U
1,3-Dichlorobenzene	2,400	49,000	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 U	1 U	1 U
1,4-Dichlorobenzene	1,800	13,000	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 U	1 U	1 U
2-Butanone (MEK)	120	100,000	20 R	19 R	12 R	9.9 R	11 R	11 R	11 R	12 R	9.4 R	10 R	56 R	12 R	10 R	10 R
2-Hexanone	NS	NS	9.8 R	9.4 R	5.8 R	5 R	5.5 R	5.4 R	5.5 R	6 R	4.7 R	5 R	28 R	5.9 R	5 R	5 R
4-Methyl-2-pentanone(MIBK)	NS	NS	9.8 R	9.4 R	5.8 R	5 R	5.5 R	5.4 R	5.5 R	6 R	4.7 R	5 R	28 R	5.9 R	5 R	5 R
Acetone	50	100,000	13.2 J+	34.4 J+	9.3 J+	9.9 R	11 R	11 R	23.9 J+	12 R	9.4 R	10 R	32.6 J+	12 R	10 R	10 R
Benzene	60	4,800	2 U	1.9 U	1.2 U	0.99 U	1.1 U	1.1 U	1.1 U	1.2 U	0.94 U	1 U	5.6 U	1.2 U	1 U	1 U
Bromochloromethane	NS	NS	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 U	5 U	5 U
Bromodichloromethane	NS	NS	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 UJ	1 U	1 U
Bromoform	NS	NS	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 UJ	4 U	4 U
Bromomethane	NS	NS	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 U	2 U	2 U
Carbon disulfide	NS	NS	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	15.3 J	5.9 U	2 U	2 U
Carbon tetrachloride	760	2,400	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 UJ	1 U	1 U
Chlorobenzene	1,100	100,000	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 U	1 U	1 U
Chloroethane	NS	NS	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 U	1 UJ	1 UJ
Chloroform	370	49,000	9.8 U	0.51 J	5.8 U	5 U	5.5 U	5.4 U	0.45 J	6 U	4.7 U	5 U	28 U	5.9 U	1 U	1 U
Chloromethane	NS	NS	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 U	1 UJ	1 UJ
cis-1,2-Dichloroethene	250	100,000	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 U	1 U	1 U
cis-1,3-Dichloropropene	NS	NS	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 U	1 U	1 U
Cyclohexane	NS	NS	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 U	5 U	5 U
Dibromochloromethane	NS	NS	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 UJ	1 U	1 U
Dichlorodifluoromethane	NS	NS	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 U	5 U	5 U
Ethylbenzene	1,000	41,000	2 U	1.9 U	1.2 U	0.99 U	1.1 U	1.1 U	1.1 U	1.2 U	0.94 U	1 U	2.9 J	1.2 U	1 U	1 U
Freon 113	NS	NS	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 U	5 U	5 U
Isopropylbenzene	NS	NS	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	0.49 J	5 U	2.7 J	5.9 U	2 U	2 U
m,p-Xylene	NS	NS	2 U	1.9 U	1.2 U	0.99 U	1.1 U	1.1 U	1.1 U	0.5 J	0.27 J	1 U	2.8 J	1.2 U	1 U	1 U
Methyl Acetate	NS	NS	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 U	5 U	5 U
Methyl Tert Butyl Ether	930	100,000	2 U	1.9 U	1.2 U	0.99 U	1.1 U	1.1 U	1.1 U	1.2 U	0.94 U	1 U	5.6 U	1.2 U	1 U	1 U
Methylcyclohexane	NS	NS	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	1.1 J	5.9 U	5 U	5 U
Methylene chloride	50	100,000	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 U	2 U	2 U
o-Xylene	NS	NS	2 U	1.9 U	1.2 U	0.99 U	1.1 U	1.1 U	1.1 U	0.33 J	0.94 U	1 U	4.7 J	1.2 U	1 U	1 U
Styrene	NS	NS	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 U	5 U	5 U
Tetrachloroethene	1,300	19,000	9.8 U	0.93 J	0.67 J	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 U	1 U	1 U
Toluene	700	100,000	2 U	1.9 U	1.2 U	0.99 U	1.1 U	1.1 U	0.23 J	1.2 U	0.94 U	1 U	1 J	1.2 U	1 U	1 U
trans-1,2-Dichloroethene	190	100,000	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 U	1 U	1 U
trans-1,3-Dichloropropene	NS	NS	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 U	1 U	1 U
Trichloroethene	470	21,000	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 U	1 U	1 U
Trichlorofluoromethane	NS	NS	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 U	5 U	5 U
Vinyl chloride	20	900	9.8 U	9.4 U	5.8 U	5 U	5.5 U	5.4 U	5.5 U	6 U	4.7 U	5 U	28 U	5.9 U	1 UJ	1 UJ
Xylene (total)	260	100,000	2 U	1.9 U	1.2 U	0.99 U	1.1 U	1.1 U	1.1 U	0.83 J	0.27 J	1 U	7.5	1.2 U	1 U	1 U

Table 2
Elton Crossing Site C - Family
899 Elton Avenue
Bronx, NY
Subsurface Soil Analytical Results
Semivolatile Organic Compounds

Client ID	Part 375	Part 375	SSB-1 (0-2)	SSB-1 (5-7)	SSB-1 (7-9)	SSB-2 (0-2)	SSB-X	SSB-2 (5-7)	SSB-2 (8-10)	SSB-3 (0-2)	SSB-3 (5-7)	SSB-3 (7.5-9.5)	MW-3 (16.5-17)	SS-1	FB20150226
Lab Sample ID	Unrestricted	Restricted	JB88935-1	JB88935-2	JB88935-3	JB88935-4	JB88935-7	JB88935-5	JB88935-6	JB88935-8	JB88935-9	JB88935-10	JB88569-1	JB88569-2	JB88935-12
Date Sampled	SCO	Residential	2/25/2015	2/25/2015	2/25/2015	2/25/2015	2/25/2015	2/25/2015	2/25/2015	2/26/2015	2/26/2015	2/26/2015	2/18/2015	2/19/2015	2/26/2015
Dilution		SCO	1	1	1/2 †	1	1	1	1	1	1/5 †	1	1	1	1
µg/Kg	µg/Kg	µg/Kg													µg/L
1,1'-Biphenyl	NS	NS	470 U	158 J-	85 U	73 U	73 U	67 U	72 U	76 U	76 U	75 U	74 U	83 U	1.1 U
1,2,4,5-Tetrachlorobenzene	NS	NS	1,200 U	49.2 J-	210 U	180 U	180 U	170 U	180 U	190 U	190 U	190 U	180 U	210 U	2.2 U
1,4-Dioxane	100	13,000	240 U	41 U	43 U	36 U	36 U	33 U	36 U	38 U	38 U	37 U	37 U	41 U	1.1 U
2,3,4,6-Tetrachlorophenol	NS	NS	1,200 U	200 U	210 U	180 U	180 U	170 U	180 U	190 U	190 U	190 U	180 U	210 U	5.4 U
2,4,5-Trichlorophenol	NS	NS	1,200 U	200 U	210 U	180 U	180 U	170 U	180 U	190 U	190 U	190 U	180 U	210 U	5.4 U
2,4,6-Trichlorophenol	NS	NS	1,200 U	200 U	210 U	180 U	180 U	170 U	180 U	190 U	190 U	190 U	180 U	210 U	5.4 U
2,4-Dichlorophenol	NS	NS	1,200 U	200 U	210 U	180 U	180 U	170 U	180 U	190 U	190 U	190 U	180 U	210 U	2.2 U
2,4-Dimethylphenol	NS	NS	1,200 U	200 U	210 U	180 U	180 U	170 U	180 U	190 U	190 U	190 U	180 U	210 R	5.4 U
2,4-Dinitrophenol	NS	NS	4,700 R	810 U	850 U	730 U	730 U	670 U	720 U	760 U	760 U	750 U	740 U	830 UJ	22 U
2,4-Dinitrotoluene	NS	NS	240 R	41 U	43 U	36 U	36 U	33 U	36 U	38 U	38 U	37 U	37 U	41 U	1.1 U
2,6-Dinitrotoluene	NS	NS	240 R	41 U	43 U	36 U	36 U	33 U	36 U	38 U	38 U	37 U	37 U	41 U	1.1 U
2-Chloronaphthalene	NS	NS	470 U	81 U	85 U	73 U	73 U	67 U	72 U	76 U	76 U	75 U	74 U	83 U	2.2 U
2-Chlorophenol	NS	NS	470 U	81 U	85 U	73 U	73 U	67 U	72 U	76 U	76 U	75 U	74 U	83 U	5.4 U
2-Methylnaphthalene	NS	NS	276 J	1,280 J-	68.2 J	73 U	73 U	67 U	72 U	76 U	76 U	75 U	74 U	83 U	1.1 U
2-Methylphenol	330	100,000	470 U	81 U	85 U	73 U	73 U	67 U	72 U	76 U	76 U	75 U	74 U	83 U	2.2 U
2-Nitroaniline	NS	NS	1,200 U	200 U	210 U	180 U	180 U	170 U	180 U	190 U	190 U	190 U	180 U	210 U	5.4 U
2-Nitrophenol	NS	NS	1,200 R	200 U	210 U	180 U	180 U	170 U	180 U	190 U	190 U	190 U	180 U	210 U	5.4 U
3&4-Methylphenol	NS	NS	470 U	81 U	243 J	73 U	73 U	67 U	72 U	76 U	76 U	75 U	74 U	83 U	2.2 U
3,3'-Dichlorobenzidine	NS	NS	470 R	81 U	85 U	73 U	73 U	67 U	72 U	76 U	76 U	75 U	74 U	83 R	2.2 U
3-Nitroaniline	NS	NS	1,200 R	200 U	210 U	180 U	180 U	170 U	180 U	190 U	190 U	190 U	180 U	210 UJ	5.4 U
4,6-Dinitro-o-cresol	NS	NS	4,700 R	810 U	850 U	730 U	730 U	670 U	720 U	760 U	760 U	750 U	740 U	830 U	22 U
4-Bromophenyl phenyl ether	NS	NS	470 U	81 U	85 U	73 U	73 U	67 U	72 U	76 U	76 U	75 U	74 U	83 U	2.2 U
4-Chloro-3-methyl phenol	NS	NS	1,200 U	200 U	210 U	180 U	180 U	170 U	180 U	190 U	190 U	190 U	180 U	210 U	5.4 U
4-Chloroaniline	NS	NS	1,200 U	200 U	210 U	180 U	180 U	170 U	180 U	190 U	190 U	190 U	180 U	210 R	5.4 U
4-Chlorophenyl phenyl ether	NS	NS	470 U	81 U	85 U	73 U	73 U	67 U	72 U	76 U	76 U	75 U	74 U	83 U	2.2 U
4-Nitroaniline	NS	NS	1,200 R	200 U	210 U	180 U	180 U	170 U	180 U	190 U	190 U	190 U	180 U	210 U	5.4 U
4-Nitrophenol	NS	NS	2,400 R	410 U	430 U	360 U	360 U	330 U	360 U	380 U	380 U	370 U	370 U	410 U	11 U
Acenaphthene	20,000	100,000	240 U	41 U	43 U	36 U	36 U	33 U	36 U	38 U	38 U	37 U	671	41 U	1.1 U
Acenaphthylene	100,000	100,000	119 J	288 J-	130 J	36 U	36 U	33 U	36 U	38 U	38 U	37 U	37 U	41 U	1.1 U
Acetophenone	NS	NS	163 J	200 U	210 U	180 U	180 U	170 U	180 U	190 U	190 U	190 U	180 U	117 J	2.2 U
Anthracene	100,000	100,000	127 J	387 J-	200 J	36 U	36 U	33 U	36 U	38 U	38 U	37 U	37 U	41 U	1.1 U
Atrazine	NS	NS	470 U	81 U	85 U	73 U	73 U	67 U	72 U	76 U	76 U	75 U	74 U	83 U	2.2 U
Benzaldehyde	NS	NS	1,200 U	200 U	210 U	180 U	180 U	170 U	180 U	190 U	190 U	190 U	180 U	210 U	5.4 U
Benzo(a)anthracene	1,000	1,000	155 J	342 J-	41.1 J	36 U	36 U	33 U	16.2 J	38 U	38 U	37 U	138	35.9 J	1.1 U
Benzo(a)pyrene	1,000	1,000	127 J	340 J-	43 U	36 U	36 U	33 U	20.7 J	38 U	38 U	37 U	86.5	32.4 J	1.1 U
Benzo(b)fluoranthene	1,000	1,000	186 J	491 J-	43 U	36 U	36 U	33 U	26 J	38 U	38 U	37 U	89.1	68.3	1.1 U
Benzo(g,h,i)perylene	100,000	100,000	539 R	2,100 J-	529 J	36 U	36 U	33 U	23.3 J	38 U	38 U	37 U	45	63.2	1.1 U
Benzo(k)fluoranthene	800	3,900	240 U	155 J-	43 U	36 U	36 U	33 U	36 U	38 U	38 U	37 U	21 J	20.3 J	1.1 U
bis(2-Chloroethoxy)methane	NS	NS	470 U	81 U	85 U	73 U	73 U	67 U	72 U	76 U	76 U	75 U	74 U	83 U	2.2 U
bis(2-Chloroethyl)ether	NS	NS	470 U	81 U	85 U	73 U	73 U	67 U	72 U	76 U	76 U	75 U	74 U	83 U	2.2 U
bis(2-Chloroisopropyl)ether	NS	NS	470 U	81 U	85 U	73 U	73 U	67 U	72 U	76 U	76 U	75 U	74 U	83 U	2.2 U
bis(2-Ethylhexyl)phthalate	NS	NS	284 J	318 J-	81.3 J	73 U	73 U	141	170	76 U	273	75 U	74 U	2,520 R	2.2 U
Butyl benzyl phthalate	NS	NS	1,580 J	1,390	284 J	73 U	73 U	67 U	72 U	417	7,030 D	75 U	74 U	87.6	2.2 U
Caprolactam	NS	NS	470 U	81 U	85 U	73 U	73 U	67 U	72 U	76 U	76 U	75 U	74 U	83 U	2.2 U
Carbazole	NS	NS	470 U	91.1 J-	20.6 J	73 U	73 U	67 U	72 U	76 U	76 U	75 U	74 U	83 U	1.1 U
Chrysene	1,000	3,900	167 J	354 J-	26.7 J	36 U	36 U	33 U	25.7 J	38 U	38 U	37 U	526	59.5	1.1 U
Dibenzo(a,h)anthracene	330	330	240 U	406 J-	98.5 J	36 U	36 U	33 U	36 U	38 U	38 U	37 U	37 U	16.2 J	1.1 U
Dibenzofuran	7,000	59,000	470 U	103 J-	85 U	73 U	73 U	67 U	72 U	76 U	76 U	75 U	74 U	83 U	5.4 U
Diethyl phthalate	NS	NS	470 U	81 U	85 U	73 U	73 U	67 U	72 U	76 U	76 U	75 U	74 U	83 U	2.2 U
Dimethyl phthalate	NS	NS	470 U	81 U	85 U	73 U	73 U	67 U	72 U	76 U	76 U	75 U	74 U	83 U	2.2 U
Di-n-butyl phthalate	NS	NS	470 U	87.2 J-	85 U	73 U	73 U	67 U	72 U	76 U	76 U	75 U	74 U	152	2.2 U
Di-n-octyl phthalate	NS	NS	470 U	81 U	85 U	73 U	73 U	67 U	72 U	76 U	76 U	75 U	74 U	83 U	2.2 U
Fluoranthene	100,000	100,000	124 J	396 J-	22 J	36 U	36 U	33 U	23.4 J	38 U	38 U	37 U	241	57.6	1.1 U
Fluorene	30,000	100,000	240 U	41 U	43 U	36 U	36 U	33 U	36 U	38 U	38 U	37 U	37 U	41 U	1.1 U
Hexachlorobenzene	330	1,200	470 U	81 U	85 U	73 U	73 U	67 U	72 U	76 U	76 U	75 U	74 U	83 U	1.1 U
Hexachlorobutadiene	NS	NS	240 U	41 U	43 U	36 U	36 U	33 U	36 U	38 U	38 U	37 U	37 U	41 U	1.1 U
Hexachlorocyclopentadiene	NS	NS	2,400 R	410 U	430 U	360 U	360 U	330 U	360 U	380 U	380 U	370 U	370 U	410 U	11 U
Hexachloroethane	NS	NS	1,200 U	200 U	210 U	180 U	180 U	170 U	180 U	190 U	190 U	190 U	180 U	210 U	2.2 U
Indeno(1,2,3-cd)pyrene	500	500	420 J	1,230 J-	55.3 J	36 U	36 U	33 U	21.2 J	38 U	38 U	37 U	34.3 J	43.6	1.1 U
Isophorone	NS	NS	470 U	81 U	85 U	73 U	73 U	67 U	72 U	76 U	76 U	75 U	74 U	83 U	2.2 U
Naphthalene	12,000	100,000	164 J	752 J-	43 U	36 U	36 U	33 U	36 U	38 U	38 U	37 U	37 U	41 U	1.1 U
Nitrobenzene	NS	NS	470 U	81 U	85 U	73 U	73 U	67 U	72 U	76 U	76 U	75 U	74 U	83 U	2.2 U
N-Nitroso-di-n-propylamine	NS	NS	470 U	81 J-	85 U	73 U	73 U	67 U	72 U	76 U	76 U	75 U	74 U	83 U	2.2 U
N-Nitrosodiphenylamine	NS	NS	1,200 U	44.8 J-	210 U	180 U	180 U	170 U	180 U	190 U	190 U	190 U	180 U	210 U	5.4 U
Pentachlorophenol	800	6,700	2,400 U	410 U	430 U	360 U	360 U	330 U	360 U	380 U	380 U	370 U	370 U	410 U	11 U
Phenanthrene	100,000	100,000	114 J	404 J-	22.9 J	36 U	36 U	33 U	18.6 J	38 U	38 U	37 U	37 U	61.3	1.1 U
Phenol	330	100,000	470 U	81 U	85 U	73 U	73 U	67 U	72 U	76 U	76 U	75 U	74 U	83 U	2.2 U
Pyrene	100,000	100,000	164 J	283 J-	43 U	36 U	36 U	33 U	31.8 J	38 U	38 U	37 U	848	68.7	1.1 U

Note: † = The dilution rate varies.

Table 3
Elton Crossing Site C - Family
899 Elton Avenue
Bronx, NY
Subsurface Soil Analytical Results
Metals

Client ID	Part 375	Part 375	SSB-1 (0-2)	SSB-1 (5-7)	SSB-1 (7-9)	SSB-2 (0-2)	SSB-X	SSB-2 (5-7)	SSB-2 (8-10)	SSB-3 (0-2)	SSB-3 (5-7)	SSB-3 (7.5-9.5)	SS-1	FB20150226
Lab Sample ID	Unrestricted	Restricted	JB88935-1	JB88935-2	JB88935-3	JB88935-4	JB88935-7	JB88935-5	JB88935-6	JB88935-8	JB88935-9	JB88935-10	JB88569-2	JB88935-12
Date Sampled	SCO	Residential	2/25/2015	2/25/2015	2/25/2015	2/25/2015	2/25/2015	2/25/2015	2/25/2015	2/26/2015	2/26/2015	2/26/2015	2/19/2015	2/26/2015
Dilution		SCO	1/2/100 †	1/10 †	1	1	1	1	1	1	1	1/2 †	1/2/3 †	1
mg/kg	mg/kg	mg/kg												µg/L
Aluminum	NS	NS	16,100	9,410	10,900	11,300	12,000	13,200	11,500	14,500	61,500	9,390	6,810	200 U
Antimony	NS	NS	5.2	4.3	2 U	2.2 U	2.3 U	2.2 U	2.3 U	2.3 U	2.3 U	2.3 U	7.4 c	6 U
Arsenic	13	16	**16.1** c	**14.5**	4.6	3.3	3	3.1	6	4.4	3.9	4.3	**13.3**	3 U
Barium	350	400	**792**	**492**	139	53.6	56.4	70.5	119	51.1	148	66.8	124	200 U
Beryllium	7.2	72	0.67	0.56	0.64	0.74	0.7	0.81	0.65	0.66	2.6	1.5	0.22	1 U
Cadmium	2.5	4.3	**11.9** c	**17.7**	**4.3**	0.55 U	0.57 U	0.55 U	2.1	0.57 U	0.6	0.62	**7.1** c	3 U
Calcium	NS	NS	39,700	15,500	6,740	3,030	3,300	6,120	11,800	1,290	16,100	1,530	36,500	5,000 U
Chromium	NS	NS	62.2 c	52.7	32.9	26.5	25.2	36.3	33.2	26.4	61.9	30.1	50.1 c	10 U
Cobalt	NS	NS	12.8	9.9	10.5	9.5	9.6	11.3	9.7	8.5	18.5	16.9	25.4	50 U
Copper	50	270	**198** c	**270**	**95.3**	29.9	31.1	21.9	33.3	14.4	44.8	36.1	**130** c	10 U
Iron	NS	NS	61,400	31,600	30,400	20,000	19,700	23,600	29,600	22,000	38,900	37,200	73,700	100 U
Lead	63	400	**935** c	**1,940**	**373**	17	27	**100**	**450**	8	15	7	**354** c	3 U
Magnesium	NS	NS	4,940	4,230	6,440	5,500	5,750	6,280	5,570	4,280	15,400	3,440	3,660	5,000 U
Manganese	NS	NS	456 c	272	229	413	479	415	345	265	450	1,520	547 c	15 U
Mercury	0.18	0.81	**44**	**5.3**	**0.82**	0.034 U	0.033 U	0.057	0.13	0.035 U	0.035 U	0.033 U	0.038 U	0.2 U
Nickel	30	310	**34.7**	**43.1**	**30.6**	18.8	20.3	23.3	21.4	16.8	**38.6**	28.3	**35.7**	10 U
Potassium	NS	NS	1,380	1,220	2,290	2,080	2,040	4,440	3,400	1,660	6,490	1,290	2,080	10,000 U
Selenium	3.9	180	4 Uc	2 U	2 U	2.2 U	2.3 U	2.2 U	2.3 U	2.3 U	2.3 U	2.3 U	4 Uc	10 U
Silver	2	180	1.5 c	1.5	0.9	1.4	1.4	1	0.97	1.4	1.3	0.58 U	1.5 Uc	10 U
Sodium	NS	NS	1,620	1,000 U	1,000 U	1,100 U	1,100 U	1,100 U	1,100 U	1,100 U	2,860	1,200 U	1,000	10,000 U
Thallium	NS	NS	2 Uc	1 U	1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	2.3 Uc	2 Uc	2 U
Vanadium	NS	NS	73.2 c	52.8	33.9	30.2	29.4	35.5	31.1	34.9	95.1	45.4	41.2	50 U
Zinc	109	10,000	**1,280**	**1,320**	**404**	73	71	99	**633**	35	95	71	**833**	20 U

Notes: † = The dilution rate varies.

Table 4
Elton Crossing Site C - Family
899 Elton Avenue
Bronx, NY
Subsurface Soil Analytical Results
PCBs and Pesticides

Client ID	Part 375	Part 375	SSB-1 (0-2)	SSB-1 (5-7)	SSB-1 (7-9)	SSB-2 (0-2)	SSB-X	SSB-2 (5-7)	SSB-2 (8-10)	SSB-3 (0-2)	SSB-3 (5-7)	SSB-3 (7.5-9.5)	SS-1	FB20150226
Lab Sample ID	Unrestricted	Restricted	JB88935-1	JB88935-2	JB88935-3	JB88935-4	JB88935-7	JB88935-5	JB88935-6	JB88935-8	JB88935-9	JB88935-10	JB88569-2	JB88935-12
Date Sampled	SCO	Residential	2/25/2015	2/25/2015	2/25/2015	2/25/2015	2/25/2015	2/25/2015	2/25/2015	2/26/2015	2/26/2015	2/26/2015	2/19/2015	2/26/2015
Dilution		SCO	1/20 †	1/5 †	1	1	1	1	1	1	1	1	1	1
µg/Kg	µg/Kg	µg/Kg												µg/L
Aroclor 1016	NS	NS	46 U	40 U	40 U	36 U	35 U	36 U	36 U	36 U	36 U	37 U	38 U	0.33 U
Aroclor 1221	NS	NS	46 U	40 U	40 U	36 U	35 U	36 U	36 U	36 U	36 U	37 U	38 U	0.33 U
Aroclor 1232	NS	NS	46 U	40 U	40 U	36 U	35 U	36 U	36 U	36 U	36 U	37 U	38 U	0.33 U
Aroclor 1242	NS	NS	46 U	40 U	40 U	36 U	35 U	36 U	36 U	36 U	36 U	37 U	38 U	0.33 U
Aroclor 1248	NS	NS	46 U	40 U	40 U	36 U	35 U	36 U	36 U	36 U	36 U	37 U	38 U	0.33 U
Aroclor 1254	NS	NS	46 U	40 U	40 U	36 U	35 U	36 U	36 U	36 U	36 U	37 U	38 U	0.33 U
Aroclor 1260	NS	NS	46 U	40 U	40 U	36 U	35 U	36 U	36 U	36 U	36 U	37 U	38 U	0.33 U
Aroclor 1262	NS	NS	14,700 D	3,030 b	485 a	36 U	35 U	36 U	36 U	36 U	36 U	37 U	451 b	0.33 U
Aroclor 1268	NS	NS	46 U	40 U	40 U	36 U	35 U	36 U	36 U	36 U	36 U	37 U	38 U	0.33 U
Total PCBs	100	1,000	14,700	3,030	485	ND	ND	ND	ND	ND	ND	ND	451	ND

Dilution			1/100/500 †	1/100/500 †	1/100/500 †	1	1	1	1	1	1	1	1/100/200 †	1
4,4'-DDD	3.3	13,000	7,320 D	7,280	2,150	1.2	1.2	7.9	6.8	0.72 U	0.73 U	0.73 U	144	0.0067 U
4,4'-DDE	3.3	8,900	2,710 D	1,030	530	1.9	2.3	61.2	59.3	2.6	20.2	0.73 U	1,250	0.0067 U
4,4'-DDT	3.3	7,900	0.94 U	0.79 U	0.84 U	0.69 U	0.73 U	0.68 U	0.73 U	0.72 U	0.73 U	0.73 U	1,190	0.0067 U
Aldrin	5	97	0.94 U	0.79 U	0.84 U	0.69 U	0.73 U	0.68 U	0.73 U	0.72 U	0.73 U	0.73 U	23.1 a	0.0067 U
alpha-BHC	20	480	0.94 U	0.79 U	0.84 U	0.69 U	0.73 U	0.68 U	0.73 U	0.72 U	0.73 U	0.73 U	0.75 U	0.0067 U
alpha-Chlordane	94	4,200	19,400 JD	13,600 a	8,330 a	2.2	3.7	16.1	12.3	0.72 U	1.6	0.73 U	2,340	0.0067 U
beta-BHC	36	360	0.94 U	0.79 U	0.84 U	0.69 U	0.73 U	0.68 U	0.73 U	0.72 U	0.73 U	0.73 U	0.75 U	0.0067 U
delta-BHC	40	100,000	0.94 U	0.79 U	0.84 U	0.69 U	0.73 U	0.68 U	0.73 U	0.72 U	0.73 U	0.73 U	0.75 U	0.0067 U
Dieldrin	5	200	8,930 D	20,300	3,210	1.1	2.6	40.5	16.3	0.72 U	2.8	0.73 U	7,220	0.0067 U
Endosulfan sulfate	2,400	24,000	0.94 U	0.79 U	0.84 U	0.69 U	0.73 U	0.68 U	0.73 U	0.72 U	0.73 U	0.73 U	0.75 U	0.0067 U
Endosulfan-I	2,400	24,000	0.94 U	0.79 U	0.84 U	0.69 U	0.73 U	0.68 U	0.73 U	0.72 U	0.73 U	0.73 U	0.75 U	0.0067 U
Endosulfan-II	2,400	24,000	0.94 U	0.79 U	0.84 U	0.69 U	0.73 U	0.68 U	0.73 U	0.72 U	0.73 U	0.73 U	0.75 U	0.0067 U
Endrin	14	11,000	817 D	834	330	0.69 U	0.73 U	0.68 U	0.73 U	0.72 U	0.73 U	0.73 U	168	0.0067 U
Endrin aldehyde	NS	NS	0.94 U	0.79 U	0.84 U	0.69 U	0.73 U	0.68 U	0.73 U	0.72 U	0.73 U	0.73 U	0.75 U	0.0067 U
Endrin ketone	NS	NS	0.94 U	453	43.1	0.69 U	0.73 U	0.68 U	0.73 U	0.72 U	0.73 U	0.73 U	0.75 U	0.0067 U
gamma-BHC (Lindane)	100	1,300	253 D	958	0.84 U	0.69 U	0.73 U	0.68 U	0.73 U	0.72 U	0.73 U	0.73 U	0.75 U	0.0067 U
gamma-Chlordane	NS	NS	21,600 D	15,200	9,150	2.7	5.5	30.6	31.2	0.72 U	2.6 a	0.73 U	3,330	0.0067 U
Heptachlor	42	2,100	0.94 U	0.79 U	938	0.69 U	0.73 U	0.94	0.73 U	0.72 U	0.73 U	0.73 U	1,520	0.0067 U
Heptachlor epoxide	NS	NS	0.94 U	0.79 U	0.84 U	0.69 U	0.73 U	0.68 U	0.73 U	0.72 U	0.73 U	0.73 U	322 a	0.0067 U
Methoxychlor	NS	NS	1.9 U	1.6 U	1.7 U	1.4 U	1.5 U	1.4 U	1.5 U	1.4 U	1.5 U	1.5 U	1.5 U	0.013 U
Toxaphene	NS	NS	23 U	20 U	21 U	17 U	18 U	17 U	18 U	18 U	18 U	18 U	19 U	0.17 U

Notes: † = The dilution rate varies.

Table 5
Elton Crossing Site C - Family
899 Elton Avenue
Bronx, NY
Groundwater Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled µg/L	NYSDEC Class GA Ambient Standard µg/L	MW-1 JB89708-1 3/11/2015	MW-2 JB89708-2 3/11/2015	MW-X JB89708-4 3/11/2015	MW-3 JB89708-3 3/11/2015	TB20150311 JB89708-5 3/11/2015	FB20150311 JB89708-6 3/11/2015
1,1,1-Trichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	5	5 U	5 U	5 U	5 U	5 U	5 U
1,2,4-Trichlorobenzene	5	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dibromo-3-chloropropane	0.04	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dibromoethane	0.0006	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichlorobenzene	3	1 U	1 U	1 U	1 7	1 U	1 U
1,2-Dichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone (MEK)	50	10 R	10 R	10 R	10 R	10 R	10 R
2-Hexanone	50	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone(MIBK)	NS	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50	7.6 J	16	16.7	32.5 J+	10 UJ	10 UJ
Benzene	1	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	5	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	50	1 U	1 U	1 U	1 U	1 U	0.48 J
Bromoform	50	4 U	4 U	4 U	4 U	4 U	4 U
Bromomethane	5	2 U	2 U	2 U	2 U	2 U	2 U
Carbon disulfide	60	2 U	2 U	2 U	2 U	2 U	2 U
Carbon tetrachloride	5	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7	1 U	1 U	1 U	**9.5**	1 U	1.6
Chloromethane	5	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 U	1 U	1 U
Cyclohexane	NS	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane	50	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	5	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
Freon 113	5	5 U	5 U	5 U	5 U	5 U	5 U
Isopropylbenzene	5	2 U	2 U	2 U	2 U	2 U	2 U
m,p-Xylene	0.002	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Acetate	NS	5 U	5 U	5 U	5 U	5 U	5 U
Methyl Tert Butyl Ether	10	1 U	1 U	1 U	1 U	1 U	1 U
Methylcyclohexane	NS	5 U	5 U	5 U	5 U	5 U	5 U
Methylene chloride	5	2 U	2 U	2 U	2 U	2 U	2 U
o-Xylene	5	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	5	0.99 J	1 U	1 U	1 U	1 U	1 U
Toluene	5	1 U	0.48 J	0.43 J	0.56 J	1 U	1 U
trans-1,2-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	5	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl chloride	2	1 U	1 U	1 U	1 U	1 U	1 U
Xylene (total)	NS	1 U	1 U	1 U	1 U	1 U	1 U

Table 6
Elton Crossing Site C - Family
899 Elton Avenue
Bronx, NY
Groundwater Analytical Results
Semivolatile Organic Compounds

Client ID Lab Sample ID Date Sampled µg/L	NYSDEC Class GA Ambient Standard µg/L	MW-1 JB89708-1 3/11/2015	MW-2 JB89708-2 3/11/2015	MW-X JB89708-4 3/11/2015	MW-3 JB89708-3 3/11/2015	FB20150311 JB89708-6 3/11/2015
1,1'-Biphenyl	5	1 U	1 U	1 U	1 U	1.1 U
1,2,4,5-Tetrachlorobenzene	5	2 U	2 U	2.1 U	2 U	2.1 U
1,4-Dioxane	NS	1 U	1 U	1 U	1 U	1.1 U
2,3,4,6-Tetrachlorophenol	NS	5 U	5 U	5.2 U	5 U	5.3 U
2,4,5-Trichlorophenol	NS	5 U	5 U	5.2 U	5 U	5.3 U
2,4,6-Trichlorophenol	NS	5 U	5 U	5.2 U	5 U	5.3 U
2,4-Dichlorophenol	5	2 U	2 U	2.1 U	2 U	2.1 U
2,4-Dimethylphenol	50	5 U	5 U	5.2 U	5 U	5.3 U
2,4-Dinitrophenol	10	20 U	20 U	21 U	20 U	21 U
2,4-Dinitrotoluene	5	1 U	1 U	1 U	1 U	1.1 U
2,6-Dinitrotoluene	5	1 U	1 U	1 U	1 U	1.1 U
2-Chloronaphthalene	10	2 U	2 U	2.1 U	2 U	2.1 U
2-Chlorophenol	NS	5 U	5 U	5.2 U	5 U	5.3 U
2-Methylnaphthalene	NS	1 U	1 U	1 U	1 U	1.1 U
2-Methylphenol	NS	2 U	2 U	2.1 U	2 U	2.1 U
2-Nitroaniline	5	5 U	5 U	5.2 U	5 U	5.3 U
2-Nitrophenol	NS	5 U	5 U	5.2 U	5 U	5.3 U
3&4-Methylphenol	0.002	2 U	2 U	2.1 U	2 U	2.1 U
3,3'-Dichlorobenzidine	5	2 U	2 U	2.1 U	2 R	2.1 U
3-Nitroaniline	5	5 U	5 U	5.2 U	5 U	5.3 U
4,6-Dinitro-o-cresol	NS	20 U	20 U	21 U	20 U	21 U
4-Bromophenyl phenyl ether	NS	2 U	2 U	2.1 U	2 U	2.1 U
4-Chloro-3-methyl phenol	NS	5 U	5 U	5.2 U	5 U	5.3 U
4-Chloroaniline	5	5 U	5 U	5.2 U	5 U	5.3 U
4-Chlorophenyl phenyl ether	NS	2 U	2 U	2.1 U	2 U	2.1 U
4-Nitroaniline	5	5 U	5 U	5.2 U	5 U	5.3 U
4-Nitrophenol	NS	10 U	10 U	10 U	10 U	11 U
Acenaphthene	20	1 U	1 U	1 U	0.88 J	1.1 U
Acenaphthylene	NS	1 U	1 U	1 U	1 U	1.1 U
Acetophenone	NS	2 U	0.84 J	0.66 J	2 U	2.1 U
Anthracene	50	1 U	1 U	1 U	1 U	1.1 U
Atrazine	7.5	2 U	2 U	2.1 U	2 U	2.1 U
Benzaldehyde	NS	5 U	5 U	5.2 U	5 U	5.3 U
Benzo(a)anthracene	0.002	1 U	1 U	1 U	1 U	1.1 U
Benzo(a)pyrene	ND	1 U	1 U	1 U	1 U	1.1 U
Benzo(b)fluoranthene	0.002	1 U	1 U	1 U	1 U	1.1 U
Benzo(g,h,i)perylene	NS	1 U	1 U	1 U	1 U	1.1 U
Benzo(k)fluoranthene	0.002	1 U	1 U	1 U	1 U	1.1 U
bis(2-Chloroethoxy)methane	5	2 U	2 U	2.1 U	2 U	2.1 U
bis(2-Chloroethyl)ether	1	2 U	2 U	2.1 U	2 U	2.1 U
bis(2-Chloroisopropyl)ether	5	2 U	2 U	2.1 U	2 U	2.1 U
bis(2-Ethylhexyl)phthalate	5	2 U	2 U	2.1 U	2 U	2.1 U
Butyl benzyl phthalate	50	2 U	2 U	2.1 U	2 U	2.1 U
Caprolactam	NS	2 U	2 U	2.1 U	2 U	2.1 U
Carbazole	NS	1 U	1 U	1 U	1 U	1.1 U
Chrysene	0.002	1 U	1 U	1 U	1 U	1.1 U
Dibenzo(a,h)anthracene	NS	1 U	1 U	1 U	1 U	1.1 U
Dibenzofuran	NS	5 U	5 U	5.2 U	5 U	5.3 U
Diethyl phthalate	50	2 U	2 U	2.1 U	2 U	2.1 U
Dimethyl phthalate	50	2 U	2 U	2.1 U	2 U	2.1 U
Di-n-butyl phthalate	50	2 U	2 U	2.1 U	2 U	2.1 U
Di-n-octyl phthalate	50	2 U	2 U	2.1 U	2 U	2.1 U
Fluoranthene	50	1 U	1 U	1 U	1 U	1.1 U
Fluorene	50	1 U	1 U	1 U	1 U	1.1 U
Hexachlorobenzene	0.04	1 U	1 U	1 U	1 U	1.1 U
Hexachlorobutadiene	0.5	1 U	1 U	1 U	1 U	1.1 U
Hexachlorocyclopentadiene	5	10 U	10 U	10 U	10 U	11 U
Hexachloroethane	5	2 U	2 U	2.1 U	2 U	2.1 U
Indeno(1,2,3-cd)pyrene	0.002	1 U	1 U	1 U	1 U	1.1 U
Isophorone	50	2 U	2 U	2.1 U	2 U	2.1 U
Naphthalene	10	1 U	1 U	1 U	1 U	1.1 U
Nitrobenzene	0.4	2 U	2 U	2.1 U	2 U	2.1 U
N-Nitroso-di-n-propylamine	NS	2 U	2 U	2.1 U	2 U	2.1 U
N-Nitrosodiphenylamine	50	5 U	5 U	5.2 U	5 U	5.3 U
Pentachlorophenol	NS	10 U	10 U	10 U	10 U	11 U
Phenanthrene	50	1 U	1 U	1 U	1 U	1.1 U
Phenol	NS	2 U	2 U	2.1 U	2 U	2.1 U
Pyrene	50	1 U	1 U	1 U	1 U	1.1 U

Table 7
Elton Crossing Site C - Family
899 Elton Avenue
Bronx, NY
Groundwater Analytical Results
Metals

Client ID Lab Sample ID Date Sampled Total Metals - µg/L	NYSDEC Class GA Ambient Standard µg/L	MW-1 JB89708-1 3/11/2015	MW-2 JB89708-2 3/11/2015	MW-X JB89708-4 3/11/2015	MW-3 JB89708-3 3/11/2015	FB20150311 JB89708-6 3/11/2015
Aluminum	**NS**	200 U	2,140	1,560	273	200 U
Antimony	**3**	6 U	6 U	6 U	6 U	6 U
Arsenic	**25**	7.1	3.2	3 U	3 U	3 U
Barium	**1,000**	200 U	200 U	200 U	200 U	200 U
Beryllium	**3**	1 U	2	1.7	1 U	1 U
Cadmium	**5**	3 U	3 U	3 U	3 U	3 U
Calcium	**NS**	71,500	78,400	72,700	56,600	5,000 U
Chromium	**50**	18.7	11.9	10 U	10 U	10 U
Cobalt	**NS**	50 U	50 U	50 U	50 U	50 U
Copper	**200**	10 U	11.9	10.2	10 U	10 U
Iron	**300**	100 U	**19,200**	**15,300**	**4,160**	100 U
Lead	**25**	3 U	23.2	20.3	3 U	3 U
Magnesium	**35,000**	**40,700**	24,500	22,000	15,000	5,000 U
Manganese	**500**	15 U	**524**	473	135	15 U
Mercury	**0.7**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	**100**	10 U	20	16.6	10 U	10 U
Potassium	**NS**	22,200	39,800	38,000	53,700	10,000 U
Selenium	**10**	10 U	10 U	10 U	10 U	10 U
Silver	**50**	10 U	10 U	10 U	10 U	10 U
Sodium	**20,000**	**60,400**	**224,000**	**217,000**	**91,500**	10,000 U
Thallium	**0.5**	2 U	2 U	2 U	2 U	2 U
Vanadium	**NS**	50 U	50 U	50 U	50 U	50 U
Zinc	**2,000**	20 U	57.6	49.1	20 U	20 U

Filtered Metals - µg/L

Aluminum	**NS**	200 U	200 U	200 U	298	200 U
Antimony	**3**	6 U	6 U	6 U	6 U	6 U
Arsenic	**25**	7.3	3 U	3 U	3 U	3 U
Barium	**1,000**	200 U	200 U	200 U	200 U	200 U
Beryllium	**3**	1 U	1 U	1 U	1 U	1 U
Cadmium	**5**	3 U	3 U	3 U	3 U	3 U
Calcium	**NS**	70,800	29,200	30,000	56,200	5,000 U
Chromium	**50**	18.1	10 U	10 U	10 U	10 U
Cobalt	**NS**	50 U	50 U	50 U	50 U	50 U
Copper	**200**	10 U	10 U	10 U	10 U	10 U
Iron	**300**	100 U	100 U	100 U	**4,190**	100 U
Lead	**25**	3 U	3 U	3 U	3.1	3 U
Magnesium	**35,000**	**41,100**	5,280	5,440	15,400	5,000 U
Manganese	**500**	15 U	15 U	15 U	154	15 U
Mercury	**0.7**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	**100**	10 U	10 U	10 U	10 U	10 U
Potassium	**NS**	22,600	41,000	41,200	49,200	10,000 U
Selenium	**10**	10 U	10 U	10 U	10 U	10 U
Silver	**50**	10 U	10 U	10 U	10 U	10 U
Sodium	**20,000**	**60,900**	**239,000**	**239,000**	**84,900**	10,000 U
Thallium	**0.5**	2 U	2 U	2 U	2 U	2 U
Vanadium	**NS**	50 U	50 U	50 U	50 U	50 U
Zinc	**2,000**	20 U	20 U	20 U	20 U	20 U

Table 8
Elton Crossing Site C - Family
899 Elton Avenue
Bronx, NY
Groundwater Analytical Results
PCBs and Pesticides

Client ID Lab Sample ID Date Sampled Polychlorinated Biphenyls - µg/L	NYSDEC Class GA Ambient Standard µg/L	MW-1 JB89708-1 3/11/2015	MW-2 JB89708-2 3/11/2015	MW-X JB89708-4 3/11/2015	MW-3 JB89708-3 3/11/2015	FB20150311 JB89708-6 3/11/2015
Aroclor 1016	**NS**	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Aroclor 1221	**NS**	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Aroclor 1232	**NS**	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Aroclor 1242	**NS**	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Aroclor 1248	**NS**	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Aroclor 1254	**NS**	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Aroclor 1260	**NS**	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Total PCBs	**0.09**	ND	ND	ND	ND	ND
Pesticides - µg/L						
4,4'-DDD	**0.3**	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U
4,4'-DDE	**0.2**	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U
4,4'-DDT	**0.2**	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U
Aldrin	**ND**	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U
alpha-BHC	**0.01**	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U
alpha-Chlordane	**NS**	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U
beta-BHC	**0.04**	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U
delta-BHC	**0.04**	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U
Dieldrin	**0.004**	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U
Endosulfan sulfate	**NS**	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U
Endosulfan-I	**NS**	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U
Endosulfan-II	**NS**	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U
Endrin	**ND**	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U
Endrin aldehyde	**5**	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U
Endrin ketone	**5**	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U
gamma-BHC (Lindane)	**0.05**	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U
gamma-Chlordane	**NS**	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U
Heptachlor	**0.04**	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U
Heptachlor epoxide	**0.03**	0.0067 U	0.0067 U	0.0067 U	0.0067 U	0.0067 U
Methoxychlor	**35**	0.013 U	0.013 U	0.013 U	0.013 U	0.013 U
Toxaphene	**0.06**	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U

Table 9
Elton Crossing Site C - Family
899 Elton Avenue
Bronx, NY
Groundwater Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution µg/m³	NYSDOH 2006 Soil Vapor Intrusion Air Guideline Value µg/m³	SAA-1 JB88930-2 2/26/2015 1	SSV-1 JB88930-1 2/26/2015 57.2
1,1,1-Trichloroethane	100	1.1 U	130 U
1,1,2,2-Tetrachloroethane	NS	1.4 U	160 U
1,1,2-Trichloroethane	NS	1.1 U	130 U
1,1-Dichloroethane	NS	0.81 U	93 U
1,1-Dichloroethylene	NS	0.79 U	91 U
1,2,4-Trichlorobenzene	NS	1.5 U	170 U
1,2,4-Trimethylbenzene	NS	3.1	123,000 D
1,2-Dibromoethane	NS	1.5 U	180 U
1,2-Dichloroethane	NS	0.81 U	93 U
1,2-Dichloropropane	NS	0.92 U	110 U
1,3,5-Trimethylbenzene	NS	0.98	39,700 D
1,3-Butadiene	NS	0.44 U	51 U
1,4-Dioxane	NS	0.72 U	83 U
2,2,4-Trimethylpentane	NS	0.65 J	958
2-Chlorotoluene	NS	1 U	120 U
2-Hexanone	NS	0.82 U	94 U
3-Chloropropene	NS	0.63 U	72 U
4-Ethyltoluene	NS	0.88 J	30,700 D
Acetone	NS	6.4	55 U
Benzene	NS	1.1	73 U
Benzyl Chloride	NS	1 U	120 U
Bromodichloromethane	NS	1.3 U	150 U
Bromoethene	NS	0.87 U	100 U
Bromoform	NS	2.1 U	240 U
Bromomethane	NS	0.78 U	89 U
Carbon disulfide	NS	0.62 U	72 U
Carbon tetrachloride	5	1.3 U	140 U
Chlorobenzene	NS	0.92 U	110 U
Chloroethane	NS	0.53 U	61 U
Chloroform	NS	0.98 U	110 U
Chloromethane	NS	1.2	47 U
cis-1,2-Dichloroethylene	NS	0.79 U	91 U
cis-1,3-Dichloropropene	NS	0.91 U	100 U
Cyclohexane	NS	0.69 U	79 U
Dibromochloromethane	NS	1.7 U	200 U
Dichlorodifluoromethane	NS	2.7	110 U
Ethanol	NS	7	526
Ethyl Acetate	NS	0.72 U	83 U
Ethylbenzene	NS	0.61 J	7,860
Freon 113	NS	1.5 U	180 U
Freon 114	NS	1.4 U	160 U
Heptane	NS	0.82 U	305
Hexachlorobutadiene	NS	2.1 U	250 U
Hexane	NS	0.78	193
Isopropyl Alcohol	NS	0.88	57 U
m,p-Xylene	NS	2.4	47,800 D
m-Dichlorobenzene	NS	1.2 U	140 U
Methyl ethyl ketone	NS	0.53 J	68 U
Methyl Isobutyl Ketone	NS	0.82 U	94 U
Methyl Tert Butyl Ether	NS	0.72 U	83 U
Methylene chloride	60	0.69 U	80 U
Methylmethacrylate	NS	0.82 U	94 U
o-Dichlorobenzene	NS	1.2 U	140 U
o-Xylene	NS	1.1	27,200 D
p-Dichlorobenzene	NS	1.2 U	140 U
Propylene	NS	1.5	98 U
Styrene	NS	0.85 U	118
Tertiary Butyl Alcohol	NS	0.61 U	70 U
Tetrachloroethylene	30	0.27 U	**111**
Tetrahydrofuran	NS	0.59 U	68 U
Toluene	NS	1.9	871
trans-1,2-Dichloroethylene	NS	0.79 U	91 U
trans-1,3-Dichloropropene	NS	0.91 U	100 U
Trichloroethylene	5	0.21 U	25 U
Trichlorofluoromethane	NS	1.3	130 U
Vinyl Acetate	NS	0.7 U	81 U
Vinyl chloride	NS	0.51 U	59 U
Xylenes (total)	NS	3.5	75,100 D

Tables
Elton Crossing Site C - Family
899 Elton Avenue
Bronx, NY

GENERAL

NS : No standard has been established for this analyte.

ND : Not detected at a concentration exceeding the laboratory reporting limit.

U : The analyte was not detected above the laboratory reporting limit.

J : The reported concentration is an estimated value.

UJ : The analyte was analyzed for, but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

J+ : The result is an estimated quantity, but the result may be biased high.

R : The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

a : More than 40 % RPD for detected concentrations between the two GC columns.

b : Result is from Run# 2.

c : Elevated detection limit due to dilution required for high interfering element.

SSB-X : Blind Duplicate of SSB-2 (0-2)

MW-X : Blind Dupicate of MW-2

SOIL

Exceedences of Part 375 Unrestricted Soil Cleanup Objectives are highlighted in bold font.

Exceedances of Part 375 Restricted Residential Soil Cleanup Objectives are highlighted in grey.

Part 375 Soil Cleanup Objectives : Soil Clean-up Objectives listed in NYSDEC (New York State Department of Environmental Conservation) "Part 375" Regulations (6 NYCRR Part 375).

µg/kg : micrograms per kilogram = parts per billion (ppb)

mg/kg : milligrams per kilogram = parts per million (ppm)

GROUNDWATER

NYSDEC Class GA Ambient Standard : New York State Department of Environmental Conservation Technical and Operational Guidance Series (1.1.1): Class GA Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations.

µg/L : micrograms per Liter = parts per billion (ppb)

SOIL VAPOR

NYSDOH Soil Vapor Intrusion Air Guidance Value : NYSDOH Air Guideline Values (AGVs) and Table 3.3 Matrix 1 and 2 Chemicals presented in the Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006 ("NYSDOH Vapor Intrusion Guidance Document"), updated September 2013 for change of AGV for PCE.

µg/m^3 : micrograms per cubic meter of air

APPENDIX A
SOIL BORING LOGS, AND SOIL VAPOR AND AMBIENT AIR SAMPLING LOGS

SOIL BORING LOG

Elton Crossing - 899 Elton Avenue

AKRF Project Number: 11901

Boring No. **SSB-1**

Sheet 1 of 3

AKRF
440 Park Avenue South, New York, NY
Phone (212) 696-0670 Fax (212) 726-

Drilling Method:	Geoprobe Direct Push
Sampling Method:	5' Macrocore
Driller :	ADT
Sampler:	A. Jordan

Drilling

Start Time	14:55	**Finish Time**	15:15
Date	2/25/2015		
Weather:	25 °F, Clear		

Depth (feet)	Recovery (Inches)	Surface Condition: Grass/Snow	Odor	Moisture	PID	NAPL	Samples Collected for Lab Analysis
1	25	Top 3": CONCRETE (FILL).	ND	Dry	ND	ND	SB-1 (0-2)
2							
3		Bottom 22": Brown SAND, some Brick, trace fine Gravel (FILL).	ND	Dry	ND	ND	
4							
5							
6	23	Brown-black SAND, some Silt, trace Brick, fine Gravel, Concrete (FILL).	ND	Dry	ND	ND	SB-1 (5-7)
7							
8							
9							SB-1 (7-9)
10	N/A	BEDROCK (Marble).	N/A	N/A	N/A	N/A	
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Notes: Bedrock encountered at approximately 9 feet below ground surface. Groundwater encountered at 55.2' below ground surface.

PID = photoionization detector ND = Not Detected

SOIL BORING LOG

Elton Crossing - 899 Elton Avenue

AKRF Project Number: 11901

Boring No. **SSB-1**

Sheet 1 of 2

AKRF
440 Park Avenue South, New York, NY
Phone (212) 696-0670 Fax (212) 726-

Drilling Method:	Geoprobe Direct Push
Sampling Method:	5' Macrocore
Driller :	ADT
Sampler:	A. Jordan

Drilling

Start Time	14:55	**Finish Time**	15:15
Date	2/25/2015		
Weather:	25 °F, Clear		

Depth (feet)	Recovery (Inches)	Surface Condition: Grass/Snow	Odor	Moisture	PID	NAPL	Samples Collected for Lab Analysis
21							
22							
23							
24							
25							
26							
27							
28							
29							
30	N/A	BEDROCK (MARBLE).	N/A	N/A	N/A	N/A	
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							

Notes: Bedrock encountered at approximately 9 feet below ground surface. Groundwater encountered at 55.2' below ground surface.

PID = photoionization detector ND = Not Detected

SOIL BORING LOG

Elton Crossing - 899 Elton Avenue

AKRF Project Number: 11901

Boring No. **SSB-1**

Sheet 1 of 3

AKRF
440 Park Avenue South, New York, NY
Phone (212) 696-0670 Fax (212) 726-

Drilling Method:	Geoprobe Direct Push
Sampling Method:	5' Macrocore
Driller :	ADT
Sampler:	A. Jordan

Drilling

Start Time	14:55	**Finish Time**	15:15
Date	2/25/2015		
Weather:	25 °F, Clear		

Depth (feet)	Recovery (Inches)	Surface Condition: Grass/Snow	Odor	Moisture	PID	NAPL	Samples Collected for Lab Analysis
41							
42							
43							
44							
45							
46							
47							
48	N/A	BEDROCK (MARBLE).	N/A	N/A	N/A	N/A	
49							
50							
51							
52							
53							
54							
55							
56		End of boring at 55.2' below ground surface.					
17							
18							
19							
20							

Notes: Bedrock encountered at approximately 9 feet below ground surface. Groundwater encountered at 55.2' below ground surface.

PID = photoionization detector ND = Not Detected

SOIL BORING LOG

Elton Crossing - 899 Elton Avenue

AKRF Project Number: 11901

Boring No. SSB-2

Sheet 1 of 1

AKRF
440 Park Avenue South, New York, NY
Phone (212) 696-0670 Fax (212) 726-

Drilling Method: Geoprobe Direct Push
Sampling Method: 5' Macrocore
Driller : ADT
Sampler: A. Jordan

Drilling
Start Time 15:45 **Finish Time** 16:00
Date 2/25/2015
Weather: 25 °F, Clear

Depth (feet)	Recovery (Inches)	Surface Condition: Grass/Snow	Odor	Moisture	PID	NAPL	Samples Collected for Lab Analysis
1	26	Top 3": CONCRETE (FILL).	ND	Dry	ND	ND	SB-2 (0-2)
2		Middle 3": Brown-black SAND, trace fine Gravel, Glass, Brick (FILL).	ND	Dry	ND	ND	
3							
4		Bottom 20": Brown SAND.	ND	Dry	ND	ND	
5							
6	11	Brown SAND.	ND	Dry	ND	ND	SB-2 (5-7)
7							
8							
9							
10							SB-2 (8-10)
11	15	Brown SAND, trace fine Gravel, trace Marble.	ND	Dry	ND	ND	
12							
13							
14							
15							
16	19	Brown SAND, trace fine Gravel, trace Marble.	Petroleum-Like	ND	15	ND	
17					30		MW-3 (16.5-17)
18							
19							
20							

Notes: Bedrock encountered at approximately 17 feet below ground surface. Groundwater encountered at 20.25' below ground surface.

PID = photoionization detector ND = Not Detected

SOIL BORING LOG

Elton Crossing - 899 Elton Avenue

AKRF Project Number: 11901

Boring No. **SSB-2**

Sheet 1 of 1

AKRF
440 Park Avenue South, New York, NY
Phone (212) 696-0670 Fax (212) 726-

Drilling Method:	Geoprobe Direct Push
Sampling Method:	5' Macrocore
Driller :	ADT
Sampler:	A. Jordan

Drilling

Start Time	15:45	**Finish Time**	16:00
Date	2/25/2015		
Weather:	25 °F, Clear		

Depth (feet)	Recovery (Inches)	Surface Condition: Grass/Snow	Odor	Moisture	PID	NAPL	Samples Collected for Lab Analysis
21	N/A	BEDROCK (MARBLE).	N/A	N/A	N/A	N/A	
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							

Notes: Bedrock encountered at approximately 10 feet below ground surface. Groundwater encountered at 20.25' below ground surface.

PID = photoionization detector

ND = Not Detected

SOIL BORING LOG

Elton Crossing - 899 Elton Avenue

AKRF Project Number: 11901

Boring No. **SSB-3**

Sheet 1 of 1

AKRF
440 Park Avenue South, New York, NY
Phone (212) 696-0670 Fax (212) 726-

Drilling Method:	Geoprobe Direct Push
Sampling Method:	5' Macrocore
Driller :	ADT
Sampler:	A. Jordan

Drilling

Start Time	15:45	**Finish Time**	16:00
Date	2/25/2015		
Weather:	25 °F, Clear		

Depth (feet)	Recovery (Inches)	Surface Condition: Grass/Snow	Odor	Moisture	PID	NAPL	Samples Collected for Lab Analysis
1	39	Top 3": CONCRETE (FILL).	ND	Dry	ND	ND	SB-3 (0-2)
2							
3		Bottom 36": Brown SAND, some fine Gravel,	ND	Dry	ND	ND	
4		trace Asphalt (FILL).					
5							
6	25	Brown SAND, trace fine Gravel.	ND	Dry	ND	ND	SB-3 (5-7)
7							
8							
9							SB-3 (7.5-9.5)
10	N/A	BEDROCK (MARBLE).	N/A	N/A	N/A	N/A	
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Notes: End of boring at 10 feet below ground surface on suspected bedrock.

Groundwater not encountered.

PID = photoionization detector ND = Not Detected

SOIL BORING LOG

Elton Crossing - 899 Elton Avenue

AKRF Project Number: 11901

Boring No. **SS-1**

Sheet 1 of 1

AKRF
440 Park Avenue South, New York, NY
Phone (212) 696-0670 Fax (212) 726-0942

Drilling Method: Hand Auger
Sampling Method: Hand Auger
Sampler: A. Jordan

Drilling

Start Time	11:25	**Finish Time**	11:30
Date	2/19/2015		
Weather:	25 °F, Clear		

Depth (feet)	Recovery (Inches)	Surface Condition: Sand	Odor	Moisture	PID	NAPL	Samples Collected for Lab Analysis
1	6	Brown Sand, some Silt Metal (FILL).	ND	Moist	ND	ND	SS-1
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Notes: End of boring at 1 foot below ground surface.
Groundwater not encountered.
PID = photoionization detector ND = Not Detected

AKRF, Inc.
Environmental Consultants

Soil Vapor Sampling Log

Job No:	11901	**Client:**	Elton Crossing Associates, L.P.
Project Location:	899 Elton Avenue, Bronx, NY	**Sampled By:**	A. Jordan
Date:	02/26/2015		

Sample ID:	SSV-1
Canister ID:	A763
Flow Controller ID:	FC501

Purging

Time Started:	06:40	
Time Stopped:	06:45	
Vol. Purged:	1.0	liters
Flow Rate:	0.1	L/min

Laboratory Sample (Summa Canister)

Time Started:	06:46	**Vacuum:**	-28	inHg
Time Stopped:	08:49	**Vacuum:**	-8	inHg

Field Sample

PID Calibration:	100 ppm
Time Started:	06:35
Time Stopped:	06:40
PID Reading:	Not Detected
He Reading	Not Detected

AKRF, Inc.
Environmental Consultants

Ambient Air Sampling Log

Job No:	11901	**Client:**	Elton Crossing Associates, L.P.
Project Location:	899 Elton Avenue, Bronx, NY	**Sampled By:**	A. Jordan
Date:	02/26/2015		

Sample ID:	SAA-1
Canister ID:	A1083
Flow Controller ID:	FC331

Laboratory Sample (Summa Canister)

Time Started:	06:50	**Vacuum:**	-29 inHg
Time Stopped:	08:50	**Vacuum:**	-8 inHg

Potential VOC sources in vicinity: None

APPENDIX B
MONITORING WELL INSTALLATION, DEVELOPMENT, AND SAMPLING LOGS

AKRF, Inc.

Environmental Consultants

440 Park Avenue South, 7th Fl.
New York, NY 10016

Elton Crossing - 899 Elton Avenue, Bronx, New York

AKRF Project Number : 11901

Well ID: **MW-1**

Sheet 1 **of** 1

Drilling Method:	Geoprobe/Air Rotary
Driller :	ADT
Weather:	25 °F
Logged by:	A. Jordan

Drilling

Start Time: 10:50	**Finish Time:** 14:30
Date: 02/25/2015	**Date:** 02/26/2015

Depth (feet)	Well Construction	Surface Condition: Concrete Floor Slab	Soil Boring Log	Recovery (Inches)
1 / 0		**Stick-up well cover, locking cap, and concrete seal: +1' to 0.5' below grade**		
1 / 2 / 3 / 4		**Grout: grade to 5' below grade** **4" diameter steel casing: +2.07' to 17' below grade**	Brown SAND, some Brick, trace fine Gravel, Glass (FILL).	**45**
5 / 6 / 7 / 8			Top 35": Brown SAND, some Brick, trace fine Gravel, Glass (FILL). Bottom 5": COBBLES (MARBLE).	**40**
9 / 10 / 11 / 12			Brown SAND, trace fine to medium Gravel, trace Marble.	**36**
13 / 14 / 15 / 16 / 17		**Inwood marble (bedrock): 17' below grade**	Brown SAND, trace fine to medium Gravel, trace Marble.	**19**
18-55 / 56 / 57		**Groundwater: 55.2' below grade** **Bottom of well: 57.11' below grade**		

Notes:
Groundwater encountered at 55.2' below grade during drilling on 02/25/2015.
Soil samples were not collected during well installation.

AKRF, Inc.

Environmental Consultants

440 Park Avenue South, 7th Fl. New York, NY 10016

Elton Crossing - 899 Elton Avenue, Bronx, New York

AKRF Project Number : 11901

Well ID: MW-2

Sheet 1 **of** 1

Drilling Method:	Rotosonic
Driller :	ADT
Weather:	25 °F
Logged by:	A. Jordan

Drilling

Start Time: 12:35	**Finish Time:** 15:10
Date: 02/18/2015	**Date:** 02/19/2015

Depth (feet)	Well Construction	Surface Condition: Grass	Soil Boring Log	Recovery (Inches)
2				
1		**Stick-up well cover, locking cap, and concrete seal: +2' to 0.5' below grade**		
0				
1		**Grout: grade to 5' below grade**		
2		**4"-diameter steel casing: +2.07' to 17' below grade**	Brown SAND, some Brick, trace fine Gravel, Glass (FILL).	**45**
3				
4				
5			Top 35": Brown SAND, some Brick, trace fine Gravel, Glass (FILL). Bottom 5": COBBLES (Marble).	**40**
6				
7				
8				
9			Brown SAND, trace fine to medium Gravel, trace Marble.	**36**
10				
11				
12				
13			Brown SAND, trace fine to medium Gravel, trace Marble.	**19**
14				
15				
16				
17	▼	**Inwood marble (bedrock): 17' below grade** **Groundwater: 17.2' below grade**		
18				
19				
20				
21				
22				
23				
24				
25				
26				
27		**Bottom of well: 27' below grade**		

Notes: ▼ **Groundwater depth indicator**

Groundwater encountered at 17.2' below grade during drilling on 02/19/2015.

Soil samples were not collected during well installation.

AKRF, Inc.	Elton Crossing - 899 Elton Avenue, Bronx, New York AKRF Project Number : 11901	Well No. MW-3 Sheet 1 of 1
Environmental Consultants 440 Park Avenue South, 7th Fl. New York, NY 10016	Drilling Method: Rotosonic Driller : ADT Weather: 25 °F Logged by: A. Jordan	Drilling Start Time: 16:15 Finish Time: 13:00 Date: 02/18/2015 Date: 02/19/2015

Depth (feet)	Well Construction	Surface Condition: Grass	Soil Boring Log	Recovery (Inches)
3		Stick-up well cover, locking cap, and concrete seal: +2.5' to 0.5' below grade		
2				
1				
0				
1	Grout: 0' to 5' below grade 4"diameter steel casing: 2.57' to 17' below grade			
2			Brown SAND, some Brick, trace fine Gravel, Glass (FILL).	45
3				
4				
5			Top 35": Brown SAND, some Brick, trace fine Gravel, Glass (FILL). Bottom 5": COBBLES (Marble).	11
6				
7				
8				
9			Brown SAND, trace fine to medium Gravel, trace Marble.	36
10				
11				
12				
13			Brown SAND, trace fine to medium Gravel, trace Marble (petroleum-like odors, staining, and 30 ppm).	19
14				
15				
16				
17		Soil sample MW-3 (16.5-17) Inwood marble (bedrock): 17' below grade		
18				
19				
20	▼	Groundwater: 20.25' below grade		
21				
22				
23				
24				
25				
26				
27		Bottom of well: 27' below grade		

Notes: ▼ **Groundwater depth indicator**

Groundwater encountered at 20.25' below grade during drilling on 02/19/2015. Soil sample analyzed for VOCs by EPA Method 8260 and SVOCs by EPA Method 8270 collected from 16.5-17.5' below grade.

Well Development Log

Job No:	11901	**Client:**	Elton Crossing Associates, L.P.	**Well No:**	
Project Location:	899 Elton Avenue, Bronx, New York	**Developed By:**	A. Jordan		
Date:	2/26/2015	**Time:**	14:30	**MW-1**	
PID at surface:	Not Detected				
Total Depth:	57.11 feet	**Well Diameter:**	4 inches	*= 0.163 * WC for 2" wells	
Depth to Water:	55.2 feet	**Well Volume*:**	1.25 gallons	*= 0.653 * WC for 4" wells	
Water Column (WC):	1.91 feet	**Volume Purged:**	1.25 gallons	*= 1.469 * WC for 6" wells	

Time	**Pump Rate** (ml/min)	**Turbidity** (NTU)	**Temperature** (^{o}C)	**Conductivity** (mS/cm)	**DO** (mg/L)	**pH**	**ORP** (mV)	**Comments** (problems, odor, sheen)
14:30	1000	1000+	11.75	1.35	8.99	7.32	352	Well was dry prior to stabilization and did not recharge. +:Reading higher than detectable limit.

Purge until turbidity is less than 50 NTU for three successive readings or until water quality indicators are within 10% for three successive readings. Purge a minimum of three well volumes.

Well Development Log

Job No:	11901	**Client:**	Elton Crossing Associates, L.P.	**Well No:**	**MW-2**
Project Location:	899 Elton Avenue, Bronx, New York	**Developed By:**	A. Jordan		
Date:	2/19/2015	**Time:**	15:10		
PID at surface:	Not Detected				
Total Depth:	30.11 feet	**Well Diameter:**	4 inches	*= 0.163 * WC for 2" wells	
Depth to Water:	19.20 feet	**Well Volume*:**	7.12 gallons	*= 0.653 * WC for 4" wells	
Water Column (WC):	10.91 feet	**Volume Purged:**	17.17 gallons	*= 1.469 * WC for 6" wells	

Time	Pump Rate (ml/min)	Turbidity (NTU)	Temperature (^{o}C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Comments (problems, odor, sheen)
15:10	1000	1000+	18.98	2.00	5.39	10.69	23	Light brown in color, high silt content.
15:15	1000	1000+	17.30	1.99	5.36	10.68	11	
15:20	1000	654	17.35	1.98	5.35	10.69	-3	
15:25	1000	690	17.65	1.98	5.36	10.69	-5	
15:30	1000	585	17.68	1.73	5.41	10.69	-3	
15:35	1000	588	15.43	1.77	5.48	10.69	-6	
15:40	1000	317	15.42	1.77	5.48	10.69	-5	
15:45	1000	281	15.42	1.77	5.37	10.69	-8	
15:50	1000	193	15.41	1.77	5.39	10.69	-8	
15:55	1000	433	15.41	1.77	5.45	10.69	-7	
16:00	1000	78	15.41	1.77	5.48	10.69	-8	
16:05	1000	48	15.41	1.77	5.51	10.69	-8	
16:10	1000	15	15.41	1.77	5.88	10.69	-7	
16:15	1000	13	15.41	1.77	5.88	10.69	-8	

Purge until turbidity is less than 50 NTU for three successive readings or until water quality indicators are within 10% for three successive readings. Purge a minimum of three well volumes.

Well Development Log

Job No:	11901	**Client:**	Elton Crossing Associates, L.P.	**Well No:**	
Project Location:	899 Elton Avenue, Bronx, New York	**Developed By:**	A. Jordan		
Date:	2/19/2015	**Time:**	15:30	**MW-3**	
PID at surface:	Not Detected				
Total Depth:	30.11 feet	**Well Diameter:**	4 inches	*= 0.163 * WC for 2" wells	
Depth to Water:	20.25 feet	**Well Volume*:**	6.44 gallons	*= 0.653 * WC for 4" wells	
Water Column (WC):	9.86 feet	**Volume Purged:**	1.25 gallons	*= 1.469 * WC for 6" wells	

Time	Pump Rate (ml/min)	Turbidity (NTU)	Temperature (^{o}C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Comments (problems, odor, sheen)
15:30	1000	100+	20.05	1.15	3.38	10.12	-212	No odor or sheen
15:35	1000	100+	20.19	1.11	3.39	10.14	-201	
15:40	1000	155	18.89	1.12	3.37	10.20	-254	
15:45	1000	89.5	18.74	1.13	3.35	10.19	-387	
15:50	1000	37.3	18.65	1.11	3.34	10.18	-388	
15:55	1000	35.5	17.99	1.11	3.36	10.17	-415	
16:00	1000	36.8	17.88	1.11	3.33	10.17	-415	
16:05	1000	28.1	17.85	1.12	3.35	10.18	-426	

Purge until turbidity is less than 50 NTU for three successive readings or until water quality indicators are within 10% for three successive readings. Purge a minimum of three well volumes.

Well Sampling Log

Job No:	11901	**Client:**	Elton Crossing Associates, L.P.	**Well No:**	
Project Location:	899 Elton Avenue, Bronx, New York	**Sampled By:**	Amy Jordan		
Date:	3/11/2015	**Sampling Time:**	8:55	**MW-1**	
PID at surface:	Not Detected				
Total Depth:	57.11 ft. below top of casing	**Water Column:**	42.39 feet	*= 0.163 * WC for 2" wells	
Depth to Water:	14.72 ft. below top of casing	**Well Volume*:**	27.68 gallons	*= 0.653 * WC for 4" wells	
Depth to Product:	Not Detected	**Volume Purged:**	1 gallon	*= 1.469 * WC for 6" wells	
Approx. Pump Intake:	25.00 ft. below top of casing	**Well Diam.:**	4 inches	Target maximum flow rate is 100 ml/min	
		Purging Device (pump type):	QED Sample Pro Bladder Pump		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (^{o}C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
8:30	14.73	100	12.53	1.13	7.48	7.48	175	7.1	
8:35	14.73	100	12.51	1.12	7.12	7.61	173	4.5	
8:40	14.73	100	12.29	1.11	6.66	7.88	167	0.5	
8:45	14.73	100	12.26	1.11	6.59	7.89	167	0.0	
8:50	14.73	100	12.23	1.11	6.41	7.98	165	0.0	
8:55	SAMPLE								
9:10	14.75	100	13.11	1.11	6.51	8.22	163	0.0	
									No odor or sheen

Stabilization Criteria:	+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs, SVOCs, Pesticides, PCBs, and total and dissolved TAL Metals

Well Sampling Log

Job No:	11901	**Client:**	Elton Crossing Associates, L.P.	**Well No:**
Project Location:	899 Elton Avenue, Bronx, New York	**Sampled By:**	Amy Jordan	**MW-2**
Date:	3/11/2015	**Sampling Time:**	13:15	
PID at surface:	Not Detected			
Total Depth:	27.80 ft. below top of casing	**Water Column:**	11.78 feet	*= 0.163 * WC for 2" wells
Depth to Water:	16.02 ft. below top of casing	**Well Volume*:**	7.69 gallons	*= 0.653 * WC for 4" wells
Depth to Product:	Not Detected	**Volume Purged:**	1 gallon	*= 1.469 * WC for 6" wells
Approx. Pump Intake:	20.00 ft. below top of casing	**Well Diam.:**	4 inches	Target maximum flow rate is 100 ml/min
		Purging Device (pump type):	QED Sample Pro Bladder Pump	

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (^{o}C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
12:20	16.02	100	15.76	1.69	2.14	11.18	-56	175	No odor or sheen
12:25	16.03	100	15.82	1.69	1.94	11.09	-56	189	
12:30	16.03	100	15.92	1.69	1.81	11.11	-61	153	
12:35	16.03	100	15.99	1.69	1.78	11.11	-61	134	
12:40	16.04	100	16.02	1.69	1.66	11.12	-62	119	
12:45	16.04	100	16.05	1.68	1.65	11.12	-63	100	
12:50	16.04	100	16.06	1.68	1.67	11.13	-63	91.9	
12:55	16.04	100	16.09	1.68	1.73	11.13	-62	66.8	
13:00	16.04	100	16.09	1.68	1.73	11.13	-63	46.0	
13:05	16.04	100	16.09	1.68	1.73	11.13	-66	43.2	
13:10	16.04	100	16.09	1.68	1.73	11.13	-65	41.8	
13:15	SAMPLE								
13:30	16.04	100	15.25	1.69	2.00	11.10	-66	89.2	
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs, SVOCs, Pesticides, PCBs, and total and dissolved TAL Metals

Well Sampling Log

Job No:	11901	**Client:**	Elton Crossing Associates, L.P.	**Well No:**	
Project Location:	899 Elton Avenue, Bronx, New York	**Sampled By:**	Amy Jordan		
Date:	3/11/2015	**Sampling Time:**	11:10	**MW-3**	
PID at surface:	Not Detected				
Total Depth:	30.11 ft. below top of casing	**Water Column:**	10.65 feet	*= 0.163 * WC for 2" wells	
Depth to Water:	17.15 ft. below top of casing	**Well Volume*:**	6.95 gallons	*= 0.653 * WC for 4" wells	
Depth to Product:	Not Detected	**Volume Purged:**	1 gallon	*= 1.469 * WC for 6" wells	
Approx. Pump Intake:	25.00 ft. below top of casing	**Well Diam.:**	4 inches	Target maximum flow rate is 100 ml/min	
		Purging Device (pump type):	QED Sample Pro Bladder Pump		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (^{o}C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
10:45	17.09	100	13.69	0.972	2.38	9.64	-135	46.1	
10:50	17.09	100	14.05	0.96	1.32	9.64	-150	43.6	
10:55	17.09	100	14.07	0.956	1.28	9.63	-152	43.3	
11:00	17.10	100	14.21	0.96	1.10	9.65	-152	43.1	
11:05	17.10	100	14.31	0.96	1.00	9.66	-154	41.5	
11:10	SAMPLE								
11:55	17.11	100	15.41	1.04	1.29	9.41	-180	27.2	
									No odor or sheen

Stabilization Criteria:	**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: VOCs, SVOCs, Pesticides, PCBs, and total and dissolved TAL Metals

APPENDIX C
LABORATORY DATA DELIVERABLES AND DUSRS FOR SOIL, GROUNDWATER, AND SOIL VAPOR ANALYSES

L.A.B. Validation Corp. 14 West Point Drive, East Northport, N.Y. 11731

DATA USABILITY SUMMARY REPORT (DUSR)

ORGANIC ANALYSIS

EPA Compendium Method TO-15
LOW LEVEL VOLATILES BY GC/MS

For Soil Vapor and Ambient Air Samples Collected
February 26, 2015
From Elton Crossing (Site C – Family)
899 Elton Avenue, Bronx, New York
By AKRF, Inc.

SAMPLE DELIVERY GROUP NUMBER: JB88930
Accutest Laboratories (ELAP #10983)

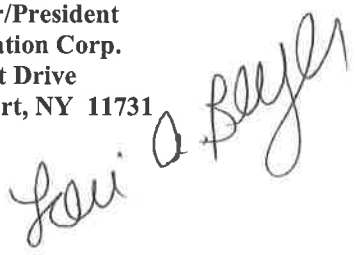
SUBMITTED TO:

Ms. Deborah Shapiro
AKRF, Inc.
440 Park Avenue South, 7th Floor
New York, New York 10016

April 03, 2015

PREPARED BY:

Lori A. Beyer/President
L.A.B. Validation Corp.
14 West Point Drive
East Northport, NY 11731



Phone (516) 523-7891 email LABValidation@aol.com

Elton Crossing, 899 Elton Avenue, Bronx, NY; February 2015.
Data Validation Report: Volatile Organics – TO15

Table of Contents:

Introduction:

A validation was performed on two (2) summa canister soil vapor/ambient air samples for Volatile Organic analysis collected by AKRF, Inc. and submitted to Accutest Laboratories for subsequent analysis under chain of custody documentation. This report contains the laboratory and validation results for the field samples itemized below. The samples were collected on February 26, 2015.

The samples were analyzed by Accutest Laboratories utilizing EPA Method TO-15 and in accordance with NYSDEC Analytical Services Protocol and submitted under NYSDEC ASP Category B equivalent deliverable requirements for the associated analytical methodology employed. The analytical testing consisted of the selected TO-15 Compound List.

The data was evaluated in accordance with the USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (Publication 9240.1-05), EPA SOP #HW31 (Revision 6) and in conjunction with the analytical methodology for which the samples were analyzed, where applicable and relevant.

The data validation report pertains to the following field air samples:

Sample Identification	Laboratory Identification	Sample Matrix (Air Type)	Collection Date
SV-1	JB88930-1	Soil Vapor	02/26/15
AA-1	JB88930-2	Ambient Air	02/26/15

Data Qualifier Definitions:

The following definitions provide brief explanations of the qualifiers assigned to results in the data review process.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ - The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R - The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

N - The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."

NJ - The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate quantity.

J+ - The result is an estimated quantity, but the result may be biased high.

J- - The result is an estimated quantity, but the result may be biased low.

D - Analyte concentration is from diluted analysis.

Sample Receipt:

The Chain of Custody document from 02/26/15 indicates that the air samples were received on 02/26/15 via laboratory courier following completion of the sampling event. Sample login notes and the chain of custody indicate that at the Validated Time of Sample Receipt (VTSR) at the laboratory no unresolved discrepancies were notated and therefore the integrity of the summa canister samples is assumed to be good.

Summa Canisters were leak tested prior to collection of each sample. Initial pressure gauge is recorded on the chain of custody and is required to be approximately 30 psi with zero air. Acceptable canister pressure was observed for these samples.

The data summary Form I's included in Appendix A includes all usable (qualified) and unusable (rejected) results for the samples identified above. The Form I's summarize the detailed narrative section of the report. All data validation qualifications have been reported on the Form I's for ease of review and verification.

NOTE:
L.A.B. Validation Corp. believes it is appropriate to note that the data validation criteria utilized for data evaluation is different than the method requirements utilized by the laboratory. Qualified data does not necessarily mean that the laboratory was non-compliant in the analysis that was performed.

1.0 Volatile Organics by EPA Compendium Method TO-15 – Low Level

The following method criteria were reviewed: holding times, surrogate standards, LCS, Blanks, Field/Laboratory Duplicate, Tunes, Calibrations, Internal Standards, Target Component Identification and Quantitation, Reported Quantitation Limits and Overall System Performance. The volatile results were considered to be valid and useable as noted on the Form I's in Appendix A and within the following text:

1.1 Holding Time

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the technical holding time is exceeded, the data may not be considered valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimates, "J". The non-detects (sample quantitation limits) are required to be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded.

Summa canister analysis was performed within 30 days from collection as required.

1.2 Surrogate Standards

All samples are spiked with surrogate compounds prior to sample analysis to evaluate overall laboratory performance and efficiency of the analytical technique. If the measure of surrogate concentrations is outside contract specifications, qualifications are required to be applied to associated samples and analytes.

Samples were spiked with 4-Bromofluorobenzene. High recovery was observed for initial analysis of SV-1 due to high late eluting target compounds. This sample was reanalyzed at a secondary dilution and with reduced matrix effects, acceptable surrogate recovery was observed. No qualifications to the data were required since analyte concentrations over the high calibration range were obtained from diluted reanalysis.

It should be noted that TO15 does not mandate the addition of surrogate standards.

1.3 Matrix Spikes (MS)/ Matrix Spike Duplicates (MSD)/Laboratory Duplicate /Field Duplicate Analysis

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices.

Matrix Spike/Matrix Spike Duplicate analysis was not performed on samples pertaining to this SDG.

Batch laboratory duplicate analysis was submitted. Acceptable precision (RPD); <25% was observed for detected compounds.

Field Duplicate analysis was not submitted. Generally acceptable precision for Field Duplicate analysis is 50%.

Acceptable precision for air lab duplicate analysis is 25%. The following criteria are utilized for Laboratory Duplicate analysis:

Criteria	Detected Compounds	Non-Detected Compounds
The RPD is within the limits of 0 and 25%	No qualification	No qualification
The RPD >25%	J in the parent and duplicate samples	Not applicable
The RPD could not be calculated since the compound was only detected in either the parent of duplicate sample. However, the detected concentration was </=2x the reporting limit	No qualification	No qualification
The RPD could not be calculated since the compound was only detected in either the parent or duplicate sample However, the detected concentration was >2x the reporting limit.	J in the parent or duplicate sample	UJ in the parent of duplicate sample

No qualifications to the data were required based on MS/MSD/Laboratory Duplicate and Field Duplicate analysis.

1.4 Laboratory Control Sample

The LCS data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance.

Acceptable LCS/LCS Duplicate was analyzed with all applicable spiked target compounds yielding recovery values between 70-130% for initial analysis of SV-1. 1,2,4-Trichlorobenzene recovered high at 131% (upper limit 130%) in the LCS/LCS Duplicate applicable to diluted analysis of SV-1 and analysis of AA-1. This compound was not detected in either run and therefore high recovery does not support any potential loss of detection and therefore no qualifications were applied.

1.5 Blank Contamination

Quality assurance (QA) blanks; i.e. method, trip and field blanks are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field blanks measure cross-contamination of samples during field operations. Storage blanks measure cross-contamination during sample storage of the field samples. Canister blanks measure cross-contamination from the sampling media.
The following table was utilized to qualify target analyte results due to contamination. The largest value from all the associated blanks is required to be utilized:

Blank Type	Blank Result	Sample Result	Action for Samples
Method, Storage, field, Trip, Instrument	Detects	Not Detected	No qualification required
	<CRQL*	<CRQL*	Report CRQL value with a U
		>/= CRQL* and ,2x the CRQL**	No qualification required
	>CRQL*	</= CRQL*	Report CRQL value with a U
		>/=CRQL* and </= blank concentration	Report blank value for sample concentration with a U
		>/= CRQL* and > blank concentration	No qualification required
	=CRQL*	</= CRQL*	Report CRQL value with a U
		>CRQL*	No qualification required
	Gross Contamination**	Detects	Report blank value for sample concentration with a U

*2x the CRQL for methylene chloride, 2-butanone and acetone.
**4x the CRQL for methylene chloride, 2-butanone, and acetone
***Qualifications based on instrument blank results affect only the sample analyzed immediately after the sample that has target compounds that exceed the calibration range or non-target compounds that exceed 100 ug/L.

A) **Method Blank Contamination:**

The method blanks were determined to be free of any contamination. Acceptable canister certification documentation and blanks were submitted. No contamination was observed.

B) **Field Blank Contamination:**

Field Blank analysis was not conducted for this SDG.

C) **Trip Blank Contamination:**

Trip Blank analysis was not conducted for this SDG.

D) **Storage Blank Contamination:**

Storage blanks were not submitted for this SDG. It should be noted that storage blanks are not mandated by EPA Method TO-15.

1.6 GC/MS Instrument Performance Check

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The Tuning standard for volatile organics is Bromofluorobenzene (BFB).

Instrument performance was generated within acceptable limits and frequency (24 hours) for Bromofluorobenzene (BFB) for all analyses conducted for this SDG.

1.7 Initial and Continuing Calibrations

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

A) Response Factor GC/MS:
The response factor measures the instrument's response to specific chemical compounds. The response factor for all compounds must be >/= 0.05 in both initial and continuing calibrations. A value <0.05 indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J". All non-detects for that compound in the corresponding samples will be rejected, "R".

The following compounds are allowed to be >0.01 without qualification:
2-Butanone
Carbon Disulfide
Chloroethane
Chloromethane
1,2-Dibromoethane
1,2-Dichloropropane
1,4-Dioxane
1,2-Dibromo-3-chloroproane
Methylene Chloride

All the response factors for the target analytes reported were found to be within acceptable limits (>/=0.05) [or >/=0.01 for the 9 compounds above] and remaining analytes, for the initial and continuing calibrations.

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):
Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentrations. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be <30% and

%D must be <30%. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and non-detects are flagged "UJ". If %RSD and %D grossly exceed QC criteria (>90%), non-detect data may be qualified, "R", unusable. Additionally, in cases where the %RSD is >30% and eliminating either the high or the low point of the curve does not restore the %RSD to less than or equal to 30% then positive results are qualified, "J". In cases where removal of either the low or high point restores the linearity, then only low or high level results will be qualified, "J" in the portion of the curve where non linearity exists. Poor responders have an allowance of 40% RSD and 40% Difference.

Initial Calibrations: The initial calibrations provided and the %RSD was within acceptable limits (30%) for all requested target compounds. Initial calibration verification standard also met QC requirements.

Continuing Calibrations: The continuing calibrations provided and the %D was within acceptable limits (30%) for all reported target compounds.

1.8 Internal Standards

Internal Standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by more than a factor of 2 (-40% to +40%) from the associated continuing calibration standard. The retention time of the internal standard must not vary more than +/- 20 seconds from the associated continuing calibration standard. If the area count is outside the (-40% to +40%) range of the associated standard, all of the positive results for compounds quantitated using that IS are qualified as estimated, "J", and all non-detects as "UJ", or "R" if there is a severe loss of sensitivity.

If an internal standard retention time varies by more than 20 seconds, professional judgment will be used to determine either partial or total rejection of the data for that sample fraction.

Internal Standard area responses met QC requirements for all analysis pertaining to this data set as compared to the continuing calibration.

1.9 Target Compound List Identification

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within =/- 0.06RRT units of the standard compound and have an ion spectra which has a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound.

GC/MS spectra met the qualitative criteria for identification.

1.10 Tentatively Identified Compounds (TICs)

TICs were not required. When submitted, the identification must be considered tentative (both quantitative and qualitative) due to the lack of required compound specific response factors. Consequently all concentrations should be considered
estimated, "J" and as a result of the qualitative uncertainty should be qualified, "N" where an identification has been made.

TICs were not required with this data set.

1.11 Compound Quantification and Reported Detection Limits

GC/MS quantitative analysis is considered to be acceptable. Correct internal standards and response factors and air volumes were used to calculate final concentrations.

Sample results have been presented in ug/m3 as well as ppbv on the laboratory reporting forms.

Sample SV-1 was reanalyzed at a secondary dilution by using reduced sample volume of 20ml. Reporting limits have been adjusted accordingly. Raw concentrations were determined to be within the instruments upper half of the linear calibration range resulting in acceptable analysis. Analytes obtained from diluted reanalysis have been qualified, "D" as required by NYSDEC.

1.12 Overall System Performance

GC/MS analytical methodology was acceptable for this analysis. The data reported agrees with the raw data provided in the final report. The laboratory provided a complete data package and reported all data using acceptable protocols and laboratory qualifiers as defined in the report package.

Reviewer's Signature Lou' a. Beyer **Date** 04/03/2015

Appendix A
Data Summary
Form I's
With Qualifications

Accutest LabLink@842086 21:32 11-Mar-2015

Report of Analysis

Client Sample ID:	SV-1		
Lab Sample ID:	JB88930-1	Date Sampled:	02/26/15
Matrix:	AIR - Soil Vapor Comp. Summa ID: A763,A411	Date Received:	02/26/15
Method:	TO-15	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5W10072.D	57.2	03/07/15	ML	n/a	n/a	V5W399
Run #2	5W10089.D	57.2	03/07/15	ML	n/a	n/a	V5W400

	Initial Volume
Run #1	200 ml
Run #2	20.0 ml

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone	ND	23	12	ppbv		ND	55	29	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	23	3.9	ppbv		ND	51	8.6	ug/m3
71-43-2	78.11	Benzene	ND	23	2.8	ppbv		ND	73	8.9	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	23	3.3	ppbv		ND	150	22	ug/m3
75-25-2	252.8	Bromoform	ND	23	4.0	ppbv		ND	240	41	ug/m3
74-83-9	94.94	Bromomethane	ND	23	3.8	ppbv		ND	89	15	ug/m3
593-60-2	106.9	Bromoethene	ND	23	3.9	ppbv		ND	100	17	ug/m3
100-44-7	126	Benzyl Chloride	ND	23	5.4	ppbv		ND	120	28	ug/m3
75-15-0	76.14	Carbon disulfide	ND	23	3.5	ppbv		ND	72	11	ug/m3
108-90-7	112.6	Chlorobenzene	ND	23	3.9	ppbv		ND	110	18	ug/m3
75-00-3	64.52	Chloroethane	ND	23	4.8	ppbv		ND	61	13	ug/m3
67-66-3	119.4	Chloroform	ND	23	2.7	ppbv		ND	110	13	ug/m3
74-87-3	50.49	Chloromethane	ND	23	9.0	ppbv		ND	47	19	ug/m3
107-05-1	76.53	3-Chloropropene	ND	23	4.3	ppbv		ND	72	13	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	23	3.7	ppbv		ND	120	19	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	23	2.9	ppbv		ND	140	18	ug/m3
110-82-7	84.16	Cyclohexane	ND	23	3.1	ppbv		ND	79	11	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	23	3.1	ppbv		ND	93	13	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	23	5.9	ppbv		ND	91	23	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	23	3.1	ppbv		ND	180	24	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	23	2.6	ppbv		ND	93	11	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	23	3.3	ppbv		ND	110	15	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	23	14	ppbv		ND	83	50	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	23	3.4	ppbv		ND	110	17	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	23	4.3	ppbv		ND	200	37	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	23	8.1	ppbv		ND	91	32	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	23	2.7	ppbv		ND	91	11	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	23	2.9	ppbv		ND	100	13	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	23	3.8	ppbv		ND	140	23	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	23	3.4	ppbv		ND	140	20	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	23	4.2	ppbv		ND	140	25	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	23	2.9	ppbv		ND	100	13	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SV-1		
Lab Sample ID:	JB88930-1	Date Sampled:	02/26/15
Matrix:	AIR - Soil Vapor Comp. Summa ID: A763,A411	Date Received:	02/26/15
Method:	TO-15	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	279	57	19	ppbv		526	110	36	ug/m3
100-41-4	106.2	Ethylbenzene	1810	23	4.0	ppbv		7860	100	17	ug/m3
141-78-6	88	Ethyl Acetate	ND	23	7.0	ppbv		ND	83	25	ug/m3
622-96-8	120.2	4-Ethyltoluene	6250 a D	230	37	ppbv		30700 a D	1100	180	ug/m3
76-13-1	187.4	Freon 113	ND	23	4.5	ppbv		ND	180	34	ug/m3
76-14-2	170.9	Freon 114	ND	23	3.6	ppbv		ND	160	25	ug/m3
142-82-5	100.2	Heptane	74.5	23	2.4	ppbv		305	94	9.8	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	23	5.8	ppbv		ND	250	62	ug/m3
110-54-3	86.17	Hexane	54.8	23	4.8	ppbv		193	81	17	ug/m3
591-78-6	100	2-Hexanone	ND	23	7.3	ppbv		ND	94	30	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	23	7.6	ppbv		ND	57	19	ug/m3
75-09-2	84.94	Methylene chloride	ND	23	15	ppbv		ND	80	52	ug/m3
78-93-3	72.11	Methyl ethyl ketone	ND	23	4.6	ppbv		ND	68	14	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	23	4.8	ppbv		ND	94	20	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	23	4.6	ppbv		ND	83	17	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	23	4.1	ppbv		ND	94	17	ug/m3
115-07-1	42	Propylene	ND	57	5.5	ppbv		ND	98	9.4	ug/m3
100-42-5	104.1	Styrene	27.7	23	3.8	ppbv		118	98	16	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	23	2.8	ppbv		ND	130	15	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	23	4.6	ppbv		ND	160	32	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	23	4.0	ppbv		ND	130	22	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	23	7.0	ppbv		ND	170	52	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	25000 a D	230	34	ppbv		123000 a D	1100	170	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	8080 a D	230	33	ppbv		39700 a D	1100	160	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	205	23	2.9	ppbv		958	110	14	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	23	5.0	ppbv		ND	70	15	ug/m3
127-18-4	165.8	Tetrachloroethylene	16.3	4.6	4.3	ppbv		111	31	29	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	23	5.6	ppbv		ND	68	17	ug/m3
108-88-3	92.14	Toluene	231	23	3.5	ppbv		871	87	13	ug/m3
79-01-6	131.4	Trichloroethylene	ND	4.6	3.4	ppbv		ND	25	18	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	23	3.3	ppbv		ND	130	19	ug/m3
75-01-4	62.5	Vinyl chloride	ND	23	3.5	ppbv		ND	59	8.9	ug/m3
108-05-4	86	Vinyl Acetate	ND	23	11	ppbv		ND	81	39	ug/m3
	106.2	m,p-Xylene	11000 a D	230	79	ppbv		47800 a D	1000	340	ug/m3
95-47-6	106.2	o-Xylene	6260 a D	230	39	ppbv		27200 a D	1000	170	ug/m3
1330-20-7	106.2	Xylenes (total)	17300 a D	230	39	ppbv		75100 a D	1000	170	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	154% b	114%	65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

4/12/15

Report of Analysis

Client Sample ID:	SV-1		
Lab Sample ID:	JB88930-1	Date Sampled:	02/26/15
Matrix:	AIR - Soil Vapor Comp. Summa ID: A763,A411	Date Received:	02/26/15
Method:	TO-15	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) Result is from Run# 2
(b) Outside control limits due to matrix interference.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@842086 21:32 11-Mar-2015

Report of Analysis

Client Sample ID:	AA-1		
Lab Sample ID:	JB88930-2	Date Sampled:	02/26/15
Matrix:	AIR - Ambient Air Comp. Summa ID: A1083	Date Received:	02/26/15
Method:	TO-15	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5W10090.D	1	03/07/15	ML	n/a	n/a	V5W400
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone	2.7	0.20	0.11	ppbv		6.4	0.48	0.26	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.034	ppbv		ND	0.44	0.075	ug/m3
71-43-2	78.11	Benzene	0.34	0.20	0.025	ppbv		1.1	0.64	0.080	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	0.029	ppbv		ND	1.3	0.19	ug/m3
75-25-2	252.8	Bromoform	ND	0.20	0.035	ppbv		ND	2.1	0.36	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.033	ppbv		ND	0.78	0.13	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.035	ppbv		ND	0.87	0.15	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.047	ppbv		ND	1.0	0.24	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.031	ppbv		ND	0.62	0.097	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.034	ppbv		ND	0.92	0.16	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.042	ppbv		ND	0.53	0.11	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.024	ppbv		ND	0.98	0.12	ug/m3
74-87-3	50.49	Chloromethane	0.57	0.20	0.079	ppbv		1.2	0.41	0.16	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.037	ppbv		ND	0.63	0.12	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.032	ppbv		ND	1.0	0.17	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.025	ppbv		ND	1.3	0.16	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.027	ppbv		ND	0.69	0.093	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.027	ppbv		ND	0.81	0.11	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.052	ppbv		ND	0.79	0.21	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.20	0.027	ppbv		ND	1.5	0.21	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.023	ppbv		ND	0.81	0.093	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.029	ppbv		ND	0.92	0.13	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.12	ppbv		ND	0.72	0.43	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.55	0.20	0.030	ppbv		2.7	0.99	0.15	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.20	0.038	ppbv		ND	1.7	0.32	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.070	ppbv		ND	0.79	0.28	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.023	ppbv		ND	0.79	0.091	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.025	ppbv		ND	0.91	0.11	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.20	0.033	ppbv		ND	1.2	0.20	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.20	0.029	ppbv		ND	1.2	0.17	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.20	0.037	ppbv		ND	1.2	0.22	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.025	ppbv		ND	0.91	0.11	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	AA-1		
Lab Sample ID:	JB88930-2	Date Sampled:	02/26/15
Matrix:	AIR - Ambient Air Comp. Summa ID: A1083	Date Received:	02/26/15
Method:	TO-15	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	3.7	0.50	0.17	ppbv		7.0	0.94	0.32	ug/m3
100-41-4	106.2	Ethylbenzene	0.14	0.20	0.035	ppbv	J	0.61	0.87	0.15	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.20	0.061	ppbv		ND	0.72	0.22	ug/m3
622-96-8	120.2	4-Ethyltoluene	0.18	0.20	0.032	ppbv	J	0.88	0.98	0.16	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	0.040	ppbv		ND	1.5	0.31	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	0.031	ppbv		ND	1.4	0.22	ug/m3
142-82-5	100.2	Heptane	ND	0.20	0.021	ppbv		ND	0.82	0.086	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	0.051	ppbv		ND	2.1	0.54	ug/m3
110-54-3	86.17	Hexane	0.22	0.20	0.042	ppbv		0.78	0.70	0.15	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.064	ppbv		ND	0.82	0.26	ug/m3
67-63-0	60.1	Isopropyl Alcohol	0.36	0.20	0.066	ppbv		0.88	0.49	0.16	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.20	0.13	ppbv		ND	0.69	0.45	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.18	0.20	0.040	ppbv	J	0.53	0.59	0.12	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.042	ppbv		ND	0.82	0.17	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.041	ppbv		ND	0.72	0.15	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.20	0.036	ppbv		ND	0.82	0.15	ug/m3
115-07-1	42	Propylene	0.85	0.50	0.048	ppbv		1.5	0.86	0.082	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.033	ppbv		ND	0.85	0.14	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.024	ppbv		ND	1.1	0.13	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.040	ppbv		ND	1.4	0.27	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.035	ppbv		ND	1.1	0.19	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	0.061	ppbv		ND	1.5	0.45	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	0.64	0.20	0.029	ppbv		3.1	0.98	0.14	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	0.20	0.20	0.029	ppbv		0.98	0.98	0.14	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.14	0.20	0.025	ppbv	J	0.65	0.93	0.12	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.20	0.044	ppbv		ND	0.61	0.13	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.040	0.037	ppbv		ND	0.27	0.25	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	0.049	ppbv		ND	0.59	0.14	ug/m3
108-88-3	92.14	Toluene	0.51	0.20	0.030	ppbv		1.9	0.75	0.11	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.040	0.030	ppbv		ND	0.21	0.16	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.23	0.20	0.029	ppbv		1.3	1.1	0.16	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.031	ppbv		ND	0.51	0.079	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.20	0.095	ppbv		ND	0.70	0.33	ug/m3
	106.2	m,p-Xylene	0.56	0.20	0.069	ppbv		2.4	0.87	0.30	ug/m3
95-47-6	106.2	o-Xylene	0.25	0.20	0.034	ppbv		1.1	0.87	0.15	ug/m3
1330-20-7	106.2	Xylenes (total)	0.80	0.20	0.034	ppbv		3.5	0.87	0.15	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	107%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Appendix B
Chain of Custody

Air

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

Air Sampling Field Data Sheet

Impulse

FED-EX Tracking #: | Bottle Order Control #: SCM-2/5/2015-8 | PAGE 1 OF 1

Lab Quote #: | Lab Job #: JB88930

Client / Reporting Information

Company Name	AKRF, Inc
Address	440 Park Avenue South, 7 Floor
City / State	New York NY 10016
Project Contact	Deborah Shapiro
E-mail	dshapiro@akrf.com
Phone #	646 388 9544
Fax #	
Sampler(s) Name(s)	A. Jordan
Project Name	Elton Crossing (Site C-Family)
Street	899 Elton Avenue
City / State	Bronx ~~New York~~ NY
Project #	11901
Client Purchase Order #	

Weather Parameters

Temperature (Fahrenheit): Start: 25 Maximum: 25 Stop: 25 Minimum: 25

Atmospheric Pressure (inches of Hg): Start: Maximum: Stop: Minimum:

Other weather comment:

Lab Sample #	Field ID / Point of Collection	Air Type: Indoor(I) Soil Vap(SV) Ambient(A)	Canister Serial #	Canister Size 6L or 1L	Flow Controller Serial #	Start Date	Start Time (24hr clock)	Start Canister Pressure ("Hg)	Start Interior Temp (F)	Start Sampler Init.	Stop Date	Stop Time (24hr clock)	Stop Canister Pressure ("Hg)	Stop Interior Temp (F)	Stop Sampler Init.	Standard TO-15 Reporting List
1	SV-1	SV	A763	6L	FC501	2/26/15	0646	-28	25	AJ	2/26/15	0849	-8	25	AJ	X
2	AA-1	A	A1083	6L	FC331	2/26/15	0650	-29	25	AJ	2/26/15	0850	-8	25	AJ	X

Turnaround Time (Business days): Standard - 15 Days [X]; 10 Day; 5 Day; 3 Day; 2 Day; 1 Day; Other

Approved By: ______ Date: ______

Data Deliverable Information: All NJDEP TO-15 is mandatory Full T1; Comm A; Comm B; Reduced T2; Full T1; Other: Category B

Comments / Remarks: Summa

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by	Date Time	Received By	Relinquished By	Date Time	Received By
1 [signature]	2/16/15 1545	1 A. Jordan 2/18/15@0830	2 A. Jordan 2/26/15@1620		2
3		3 [signature]	4 [signature]	2/26/15 7:30	4 [signature]
5		5 [signature]	Custody Seal # 56		

INITIAL ASSESSMENT JK YA

LABEL VERIFICATION JM

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JB88930: Chain of Custody

Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JB88930 **Client:** **Project:**

Date / Time Received: 2/26/2015 7:20:00 PM **Delivery Method:** **Airbill #'s:**

Cooler Temps (Initial/Adjusted):

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:			
3. Cooler media:			
4. No. Coolers:	0		

Quality Control Preservatio	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☑	☐
2. Trip Blank listed on COC:	☐		☑	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

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JB88930: Chain of Custody
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Appendix C
Case Narrative

ACCUTEST LABORATORIES

2

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	AKRF	**Job No**	JB88930
Site:	Elton Crossing, 899 Elton Avenue, Bronx, NY	**Report Date**	3/11/2015 11:32:37 A

On 02/26/2015, 2 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories. Samples were intact and chemically preserved, unless noted below. An Accutest Job Number of JB88930 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method TO-15

Matrix: AIR **Batch ID:** V5W399

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB89305-1DUP were used as the QC samples indicated. (BATCH) W
- JB88930-1 for 4-Bromofluorobenzene: Outside control limits due to matrix interference.

Matrix: AIR **Batch ID:** V5W400

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB89060-3DUP were used as the QC samples indicated. (BATCH) W

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

L.A.B. Validation Corp, 14 West Point Drive, East Northport, NY 11731

DATA USABILITY SUMMARY REPORT – DUSR
DATA VALIDATION SUMMARY

ORGANIC/INORGANIC ANALYSES

TARGET COMPOUND LIST (TCL) VOLATILES BY GC/MS
TARGET COMPOUND LIST (TCL) SEMIVOLATILES BY GC/MS
TARGET COMPOUND LIST (TCL) PESTICIDES BY GC
PCBs BY GC
TARGET ANALYTE LIST (TAL) BY ICP/CV

For Soil Samples Collected
February 18, 2015, February 19, 2015,
February 25, 2015 and February 26, 2015
And Groundwater Samples Collected March 11, 2015
From 899 Elton Avenue
Bronx, New York
Elton Crossing
Collected by AKRF, Inc.

SAMPLE DELIVERY GROUP NUMBERs:
JB88569, JB88935, JB89708
BY ACCUTEST LABORATORIES - NJ (ELAP #10983)

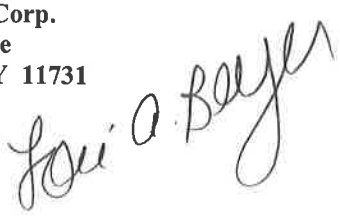
SUBMITTED TO:

Ms. Deborah Shapiro
AKRF, Inc.
440 Park Avenue South, 7th Floor
New York, NY 10016

April 06, 2015

PREPARED BY:

Lori A. Beyer/President
L.A.B. Validation Corp.
14 West Point Drive
East Northport, NY 11731



(516) 523-7891; email LABValidation@aol.com

Elton Crossing, 899 Elton Avenue, Bronx, New York – Soil and Groundwater Samples; February/March 2015 Sampling Event
Data Usability Summary Report (Data Validation): TCL Volatiles, TCL Semivolatiles, TCL Pesticides, PCBs and TAL Metals.

Table of Contents:

Introduction:

A validation was performed on soil and groundwater samples and the associated quality control samples (MS/MSD/Field Duplicates/Field and Trip Blanks) for organic/inorganic analysis for samples collected under chain of custody documentation by AKRF, Inc. and submitted to Accutest Laboratories for subsequent analysis. This report contains the laboratory and validation results for the field samples itemized below. The samples were collected February 18, 2015, February 19, 2015, February 25, 2015, February 26, 2015 and March 11, 2015.

The samples were analyzed by Accutest Laboratories (NJ), utilizing SW846 Methods and submitted under NYSDEC ASP Category B equivalent deliverable requirements for the associated analytical methodologies employed. The analytical testing consisted of the Target Compound/Analyte Lists for Volatile Organics, Semivolatile Organics, Pesticides, PCBs and TAL (23) Metals. Groundwater samples were also analyzed for Total and Dissolved Metals. Field Blanks were analyzed for full suite VOA, SVOA, Pesticides, PCBs and TAL Metals. Trip Blanks were analyzed for VOA.

The data was evaluated in accordance with EPA Region II National Functional Guidelines for Organic and Inorganic Data Review and EPA Region II SOPs for 8260, 8270, 8081, 8082 and Metals and also in conjunction with the analytical methodologies for which the samples were analyzed, where applicable and relevant.

The data validation report pertains to the following samples:

Sample Identification	Laboratory Identification	Sample Matrix	Analysis	Date Collected/Received
MW-3 (16.5-17)	JB88569-1	Soil	VOA/SVOA	2/18/15, 2/20/15
SS-1	JB88569-2	Soil	VOA/SVOA/Pest/PCB/Metals	2/19/15, 2/20/15
SSB-1 (0-2)	JB88935-1	Soil	VOA/SVOA/Pest/PCB/Metals	2/25/15, 2/26/15
SSB-1 (5-7)	JB88935-2	Soil	VOA/SVOA/Pest/PCB/Metals	2/25/15, 2/26/15
SSB-1 (7-9)	JB88935-3	Soil	VOA/SVOA/Pest/PCB/Metals	2/25/15, 2/26/15
SSB-2 (0-2)	JB88935-4	Soil	VOA/SVOA/Pest/PCB/Metals	2/25/15, 2/26/15
SSB-2 (5-7)	JB88935-5	Soil	VOA/SVOA/Pest/PCB/Metals	2/25/15, 2/26/15
SSB-2 (8-10)	JB88935-6	Soil	VOA/SVOA/Pest/PCB/Metals	2/25/15, 2/26/15
SSB-X [Field Duplicate of SSB-2 (0-2)]	JB88935-7	Soil	VOA/SVOA/Pest/PCB/Metals	2/25/15, 2/26/15
SSB-3 (0-2) Plus MS/MSD	JB88935-8 JB88935-8D JB88935-8S	Soil	VOA/SVOA/Pest/PCB/Metals	2/26/15, 2/26/15
SSB-3 (5-7)	JB88935-9	Soil	VOA/SVOA/Pest/PCB/Metals	2/26/15, 2/26/15
SSB-3 (7.5-9.5)	JB88935-10	Soil	VOA/SVOA/Pest/PCB/Metals	2/26/15, 2/26/15
TB20150226	JB88935-11	Aqueous	VOA	2/26/15, 2/26/15
FB20150226	JB88935-12	Aqueous	VOA/SVOA/Pest/PCB/Metals	2/26/15, 2/26/15
MW-1	JB89708-1 JB89708-1F	Groundwater	VOA/SVOA/Pest/PCB/Metals/ Dissolved Metals	3/11/15, 3/11/15
MW-2	JB89708-2 JB89708-2F	Groundwater	VOA/SVOA/Pest/PCB/Metals/ Dissolved Metals	3/11/15, 3/11/15
MW-3 Plus MS/MSD	JB89708-3 JB89708-3F	Groundwater	VOA/SVOA/Pest/PCB/Metals/ Dissolved Metals	3/11/15, 3/11/15
MW-X (Field Duplicate of MW-2)	JB89708-4 JB89708-4F	Groundwater	VOA/SVOA/Pest/PCB/Metals/ Dissolved Metals	3/11/15, 3/11/15
TB20150311	JB89708-5	Aqueous	VOA	3/11/15, 3/11/15
FB20150311	JB89708-6	Aqueous	VOA/SVOA/Pest/PCB/Metals	3/11/15, 3/11/15

Data Qualifier Definitions:

The following definitions provide brief explanations of the qualifiers assigned to results in the data review process.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ - The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R - The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

N - The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."

NJ - The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate quantity.

J+ - The result is an estimated quantity, but the result may be biased high.

J- - The result is an estimated quantity, but the result may be biased low.

D - Analyte concentration is from diluted analysis.

Sample Receipt:
The Chain of Custody documents indicates that the samples were received at Accutest Laboratories via courier upon completion of each sampling event. Sample login notes were generated. The cooler temperature for all sample receipts were recorded upon receipt at Accutest Laboratories and determined to be acceptable (<6.0 degrees C). The actual temperature is recorded on the chain of custody documents, sample receipt checklists in addition to the case narratives provided in Appendix B of this report.

MW-3 (16.5-17) was preserved for Volatile Organics upon receipt. As requested by AKRF, the sample identifications for soils collected on February 25, 2015 and February 26, 2015 were updated to reflect, "SSB" identifications. An updated chain of custody is included in this report.

No unresolved problems and/or discrepancies were noted, consequently, the integrity of the samples has been assumed to be good.

Samples for Volatile analysis were collected in by Method 5035A in Encore devices. All analyses were conducted via low level procedures.

The data summary Form I's included in Appendix C includes all usable (qualified) and unusable (rejected) results for the samples identified above. The Form I's summarize the detailed narrative section of the report.

NOTE:
L.A.B. Validation Corp. believes it is appropriate to note that the data validation criteria utilized for data evaluation is different than the method requirements utilized by the laboratory. Qualified data does not necessarily mean that the laboratory was non-compliant in the analysis that was performed.

1.0 Target Analyte List (TCL) Volatile Organics by GC/MS SW846 Method 8260C

The following method criteria were reviewed: holding times, SMCs, MS, MSD, LCS, Laboratory Spiked Blanks, Method Blanks, Tunes, Calibrations, Internal Standards, Target Component Identification, Quantitation, Reported Quantitation Limits and Overall System Performance. The Volatile results were considered to be valid and useable with the exception of non-detects for Acetone, 2-Butanone, 4-Methyl-2-Pentanone and 2-Hexanone in SS-1, MW-3 (16.5-17), FB20150226, TB20150226, SSB-3 (0-2), SSB-1 (0-2), SSB-1 (5-7), SSB-1 (7-9), SSB-2 (5-7), SSB-X, SSB-3 (0-2), SSB-3 (5-7), SSB-3 (7.5-9.5), SSB-2 (0-2), SSB-2 (8-10) and 2-Butanone in groundwater samples MW-1, MW-2, MW-3, MW-X, FB20150311 and TB20150311 as noted within the following text:

1.1 Holding Time

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the technical holding time is exceeded, the data may not be considered valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimates, "J". The non-detects (sample quantitation limits) are required to be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded.

Samples pertaining to these SDGs were performed within the Method required holding times as well as the technical holding times for data validation of 14 days from collection to analysis. Soil samples were collected in encores (3/location) in accordance with SW846 Method 5035A. No data validation qualifiers were required based upon holding time.

1.2 System Monitoring Compound (Surrogate) Recovery

All samples are spiked with surrogate compounds prior to sample analysis to evaluate overall laboratory performance and efficiency of the analytical technique. If the measure of surrogate concentrations is outside contract specification, qualifications are required to be applied to associated samples and analytes.

Surrogate recoveries (%R) were found to be within acceptable limits for all four (4) surrogate compounds for all analyses pertaining to these SDGs.

1.3 Matrix Spikes (MS)/ Matrix Spike Duplicates (MSD)

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. The MS/MSD may be used in conjunction with other QC criteria for additional qualification of data.

MS/MSD analyses were conducted for each analytical sequence and were spiked with all components as required by the analytical procedure. Site-specific soil MS/MSD was performed by the laboratory on SSB-3 (0-2) and MW-3 as requested on the chain of custody by ARKF field sampling personnel. All spike recoveries and RPD fell within in house established limits for soil MS/MSD. Aqueous MS/MSD on MW-3 results in high spike recoveries for Acetone, 2-Hexanone and 4-Methyl-2-Pentanone in the MS and/or MSD. Acetone results in the parent sample (32.5 ug/L) must be considered estimated, biased high, "J+"

No qualifications to the data were required based on professional judgment for batch (non-site specific) MS/MSD analysis.

1.4 Laboratory Control Sample/Blank Spikes

The LCS data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance.

LCS/Blank Spikes were analyzed for each sequence. Recovery values were acceptable for all spiked analytes.

1.5 Blank Contamination

Quality assurance (QA) blanks; i.e. method, trip and field blanks are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field blanks measure cross-contamination of samples during field operations.

The following table was utilized to qualify target analyte results due to contamination. The largest value from all the associated blanks is required to be utilized:

Blank Type	Blank Result	Sample Result	Action for Samples
Method, Storage, field, Trip, Instrument	Detects	Not Detected	No qualification required
	<CRQL*	<CRQL*	Report CRQL value with a U
		>/= CRQL* and <2x the CRQL**	No qualification required
	>CRQL*	</= CRQL*	Report CRQL value with a U
		>/=CRQL* and </= blank concentration	Report blank value for sample concentration with a U
		>/= CRQL* and > blank concentration	No qualification required
	=CRQL*	</= CRQL*	Report CRQL value with a U
		>CRQL*	No qualification required
	Gross Contamination**	Detects	Report blank value for sample concentration with a U

*2x the CRQL for methylene chloride, 2-butanone and acetone.
**4x the CRQL for methylene chloride, 2-butanone, and acetone
***Qualifications based on instrument blank results affect only the sample analyzed immediately after the sample that has target compounds that exceed the calibration range or non-target compounds that exceed 100 ug/L.

Below is a summary of the compounds in the sample and the associated qualifications that have been applied:

A) **Method Blank Contamination:**

No target analytes were detected in the method blanks associated with sample analysis.

B) **Field Blank Contamination:**

Target analytes were not detected above the reporting limits in the Field blanks associated with samples with the exceptions noted below:

FB20150311 – Bromodichloromethane was detected at 0.48 ug/L and Chloroform at 1.6 ug/L in the field blank associated with groundwater samples. Associated sample results were evaluated based on the above criteria and the laboratory reported concentrations of Chloroform were negated in samples MW-1, MW-2 and MW-X. The reported concentration in MW-3 (9.5

ug/L) for this compound could not be negated, however, the end user should proceed with caution when making decisions based on this detection.

C) **Trip Blank Contamination:**

Target analytes were not detected in the Trip blanks.

1.6 GC/MS Instrument Performance Check

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The Tuning standard for volatile organics is Bromofluorobenzene (BFB).

Instrument performance was generated within acceptable limits and frequency for Bromofluorobenzene (BFB) for all analyses conducted for these SDGs.

1.7 Initial and Continuing Calibrations

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence.

The continuing calibration checks document that the instrument is giving satisfactory daily performance. Initial calibration verifications were acceptable.

A) Response Factor GC/MS:
The response factor measures the instrument's response to specific chemical compounds. The response factor for all compounds must be >/= 0.05 in both initial and continuing calibrations. A value <0.05 indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J". All non-detects for that compound in the corresponding samples will be rejected, "R". Method 8260C allows for a minimum response factor of 0.1 for Acetone, 2-Butanone, 2-Hexanone and 4-Methyl-2-Pentanone.

All the response factors for the target analytes reported were found to be within acceptable limits (>/=0.05) and minimum response criteria in Table 4 of Method 8260C, for the initial and continuing calibrations for all reported analytes with the exceptions listed below:

ICAL 1/9/15 GCMS3C – Acetone (0.036), 2-Butanone (0.037), 4-Methyl-2-Pentanone (0.073), 2-Hexanone (0.079) – Non-detects have been rejected, "R" in SS-1, MW-3 (16.5-17), SSB-3 (0-2), SSB-1 (0-2), SSB-1 (5-7), SSB-1 (7-9), SSB-2 (5-7), SSB-X, SSB-3 (0-2), SSB-3 (5-7), SSB-3 (7.5-9.6), SSB-2 (0-2), SSB-2 (8-10). Detections have been qualified estimated, biased high, "J+"

ICAL 2/5/15 GCMS2B – Acetone (0.093), 2-Butanone (0.033), 4-Methyl-2-Pentanone (0.094), 2-Hexanone (0.079) – Non-detects have been rejected, "R" in FB20150226 and TB20150226.

ICAL 2/21/15 GCMSL – 2-Butanone (0.039). Non-detects have been rejected, "R" in MW-1, MW-2, MW-3, MW-X, FB20150311 and TB20150311.

CCAL 2/23/15 GCMS3C – Acetone (0.032), 2-Butanone (0.04), 4-Methyl-2-Pentanone (0.092) and 2-Hexanone (0.08). Results for SS-2 were previously qualified based on ICAL and no additional qualifications to the data are required.

CCAL 3/2/15 GCMS3C – Acetone (0.029), 2-Butanone (0.031), 4-Methyl-2-Pentanone (0.068) and 2-Hexanone (0.013). Results for MW-3 (16.5-17) were previously qualified based on ICAL and no additional qualifications to the data are required.

CCAL 3/3/15 GCMS3C – Acetone (0.030), 2-Butanone (0.035), 4-Methyl-2-Pentanone (0.088) and 2-Hexanone (0.089). Results for SSB-1 (7-9), SSB-2 (5-7), SSB-X, SSB-3 (5-7), SSB-3 (7.5-9.5), SSB-2 (0-2), and SSB-2 (8-10) were previously qualified based on ICAL and no additional qualifications to the data are required.

CCAL 3/4/15 GCMS2B – 2-Butanone (0.037), 2-Hexanone (0.085). Non-detects in FB20150226 and TB20150226 were previously rejected due to ICAL response factors.

CCAL 3/17/15 GCMSL – 2-Butanone (0.045). FB20150311 and TB20150311 non-detects were previously rejected, "R."

CCAL 3/18/15 GCMSL – 2-Butanone (0.040). MW-1, MW-2, MW-3 and MW-X non-detects were previously rejected, "R."

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):
Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentrations. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be <20% and %D must be <20%. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and non-detects are flagged "UJ". If %RSD and %D grossly exceed QC criteria, non-detect data may be qualified, "R", unusable. Additionally, in cases where the %RSD is >20% and eliminating either the high or the low point of the curve does not restore the %RSD to less than or equal to 20% then positive results are qualified, "J". In cases where removal of either the low or high point restores the linearity, then only low or high level results will be qualified, "J" in the portion of the curve where non linearity exists. Closing CCV must meet 30% criteria.

Initial Calibrations: The initial calibrations provided and the %RSD were within acceptable limits (20%) for all reported compounds.

Continuing Calibrations: The continuing calibrations provided and the %D was within acceptable limits (20%) for all reported compounds with the following exceptions:

CCAL 2/23/15 GCMS3C – Carbon Tetrachloride (25.3%), 1,2-Dichloroethane (37.4%), Bromodichloromethane (21.6%), 4-Methyl-2-Pentanone (26.0%), Dibromochloromethane (20.4%) and Bromoform (22.2%).

CCAL 3/4/15 GCMS2B – Chloromethane (34.1%), Vinyl Chloride (26.9%) and Chloroethane (24.6%)' "UJ" non-detects in FB20150226 and TB20150226.

CCAL 3/17/15 GCMSL – Acetone (45.8%) – Non-detects in FB20150311 and TB20150311 have been qualified, "UJ."

1.8 Internal Standards

Internal Standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by more than a factor of 2 (-50% to +100%) from the associated continuing calibration standard. The retention time of the internal standard must not vary more than +/- 30 seconds from the associated continuing calibration standard. If the area count is outside the (-50% to +100%) range of the associated standard, all of the positive results for compounds quantitated using that IS are qualified as estimated, "J", and all non-detects as "UJ", or "R" if there is a severe loss of sensitivity.

If an internal standard retention time varies by more than 30 seconds, professional judgment will be used to determine either partial or total rejection of the data for that sample fraction.

All samples were spiked with the internal standards Chlorobenzene-d5, Fluorobenzene and 1,4-Dichlorobenzene-d4 prior to sample analysis. The area responses and retention time of each internal standard met QC criteria in all samples associated with these SDGs.

1.9 Field Duplicates

Field duplicate samples are collected and analyzed as an indication of overall precision. These results are expected to have more variability than laboratory duplicate samples. Soil samples are also expected to have a greater variance due to the difficulties associated with collecting exact duplicate soil samples.

Generally for soil samples an acceptable RPD is 50% and water samples an acceptable RPD is 10%.

Field Duplicate analysis was collected on SSB-2. Target analytes were not detected in either run. Acceptable precision was observed.

Acetone %D was high in MW-3/MW-X field duplicate series. Detection of this analyte in MW-3 (32.5%) was previously qualified as biased high, "J+." MW-X detection of 16.7 ug/L is most likely representative of the acetone concentration from this sample location.

1.10 Target Compound List Identification

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within =/- 0.06RRT units of the standard compound and have an ion spectra which has a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound.

GC/MS spectra met the qualitative criteria for identification. All retention times were within required specifications.

1.11 Compound Quantification and Reported Detection Limits

GC/MS quantitative analysis is considered to be acceptable. Correct internal standards per SW846, response factors and percent moisture were used to calculate final concentrations.

As required, the laboratory reported "J" values between the reporting limits (RL) and Method Detection Limits (MDLs). This is consistent with common laboratory practices and a requirement of the National Environmental Laboratory Approval Program (NELAP).

Soil samples were initially analyzed undiluted. MW-3 (16.5-17) was reanalyzed at 1g due to complicated matrix and demonstrated matrix interference of non-target petroleum range analytes. The initial data set was submitted by the laboratory for corresponding QC purposes. The 1gram analysis was submitted by the laboratory and has been determined that analysis is acceptable. Acetone (32.6 ug/kg) could not be negated due to laboratory or field contamination in MW-3 (16.5-17). The end user should proceed with caution when making decisions based on common laboratory contaminants since detected levels are consistent with laboratory contamination levels. This sample was preserved for VOA analysis at the laboratory and there is the possibility that the sample was contaminated at the laboratory. The result was previously qualified as estimated due to ICAL data.

Remaining soil and all groundwater samples were all analyzed undiluted. No secondary dilutions were required.

1.12 Overall System Performance

Good resolution and chromatographic performance were observed.

Tentatively Identified Compounds (TICs) were not generated and therefore not evaluated. MW-3 (16.5-17) chromatogram demonstrates significant non-target peaks.

2.0 Target Compound List (TCL) Semivolatile Organics by GC/MS SW846 Method 8270D

The following method criteria were reviewed: holding times, Surrogates, MS, MSD, LCS, Blanks, Tunes, Calibrations, Internal Standards, Target Component Identification, Quantitation, Reported Quantitation Limits and overall system performance. The Semivolatile results were considered to be valid and usable With the exception of non-detects for 3,3'-Dichlorobenzidine, 2,4-Dimethylphenol and 4-Chloroaniline in SS-1 due to low (<10%) recovery in MS/MSD and 2,4-Dinitrophenol, 4-Dinitrophenol, 4,6-Dinitro-o-cresol, 2-Nitrophenol, 2,4-Dinitrotoluene, 3,3'-Dichlorobenzidine, Hexachlorocyclopentadiene, 3-Nitroaniline and 4-Nitroaniline in SSB-1 (0-2) and also no-detects for 3,3'-Dichlorobenzidine in MW-3 as noted within the following text:

2.1 Holding Time

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the technical holding time is exceeded, the data may not be considered valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimates, "J". The non-detects (sample quantitation limits) are required to be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded.

All samples were extracted and analyzed within the method required holding times and the technical holding times (14 days from collection to extraction and 40 days from extraction to analysis for soil samples and 7 days from collection to extraction for aqueous samples) for analysis required for data validation.

SSB-1 (5-7) was reextracted within holding time due to surrogate recovery outliers.

2.2 Surrogate Recovery

All samples are spiked with surrogate compounds prior to sample preparation/extraction to evaluate overall laboratory performance and efficiency of the analytical technique. Additionally, the sample itself may produce effects due to such factors as interferences and high concentrations of analytes. Since the effects of the sample matrix are frequently outside the control of the laboratory and may present relatively unique problems, the evaluation of the data is dependent upon reextraction and/or reanalysis to confirm/negate laboratory error or matrix related problems. Discussion of surrogate recoveries that fell outside (above/below) QC guidelines is itemized below:

All samples were spiked with six (6) surrogate standards at the sample extraction portion of analysis. Acceptable recoveries were observed for all samples with the exception of SSB-1 (5-7) which yielded low 2-Fluorobiphenyl (36%) and Terphenyl-d14 (41%) from initial analysis. Reextraction confirms low surrogate recovery values for all six (6) surrogates thus confirming a matrix effect. The initial data set has been utilized and base neutral detections have been qualified estimated, biased low, "J-"

2.3 Matrix Spikes (MS)/Matrix Spike Duplicates (MSD)

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices.

Aqueous and Soil MS/MSD analysis was submitted with each extraction batch. Based on professional judgment, no qualifications to the data were made based on non-site specific MS/MSD.

The National Functional Guidelines provide and allow for flexibility when qualifying the parent sample based on MS/MSD data.

SS-1 was selected by the laboratory for MS/MSD analysis. 2,4-Dimethylphenol. 4-Chloroaniline, 3,3'-Dichlorobenzidine, bis (2-ethylhexyl) phthalate and 3-Nitroaniline recovered low in the MS and/or MSD. <10% was observed for 2,4-Dimethylphenol, 4-Chloroaniline, 3,3'-Dichlorobenzidine and therefore non-detects have been rejected in the parent sample; SS-1. Non-detects 3-Nitroaniline have been qualified estimated, "UJ." No qualifications were applied to bis (2-ethylhexyl)

phthalate since the spike concentration relative to sample amount was low.

Additionally, SSB-1 (0-2) was utilized for MS/MSD analysis. As a result of complicated matrix, recovery values for 2,4-Dinitrophenol, 4,6-Dinitro-o-cresol, 2-Nitrophenol, 4-Nitrophenol, 2,4-Dinitrotoluene, 3,3'-Dichlorobenzidine, Hexachlorocyclopentadiene, 3-Nitroaniline, 4-Nitroaniline were either non recoverable or <10% in the MS and/or MSD. As a result, many RPD fell outside range. Additionally, Butyl benzyl phthalate recovered low but reasonable per the methodology. Non-detects for all analytes with the exception of Butyl benzyl phthalate were rejected, "R" in the parent sample; SSB-1 (0-2).

Groundwater MW-3 was selected by AKRF field sampling personnel for MS/MSD analysis. Recovery values were acceptable all spiked compounds with the exception of 3,3'-Dichlorobenzidine (6%). Non-detects in the parent sample MW-3 must be considered unreliable and has been rejected, "R."

2.4 Laboratory Control Sample

The LCS data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance.

LCS/Blank Spikes were analyzed for each analytical extraction batch. Recovery values were acceptable for all spiked analytes.

2.5 Method Blanks

Quality assurance (QA) blanks; i.e. method, trip and field blanks are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Field blanks measure cross-contamination of samples during field operations.

The following table was utilized to qualify target analyte results due to contamination. The largest value from all the associated blanks is required to be utilized:

For:	Flag Sample Result with a "U" when:	Report CRQL & Qualify "U" when:	No Qualification is Needed when:
Phthalates (common laboratory contaminants)	Sample Conc. is >CRQL, but </=5x blank value	Sample Conc. Is <CRQL and </=5x blank value	Sample Conc. is >CRQL and >5x blank value
Other Contaminants	Sample Conc. is >CRQL, but </=1x blank value	Sample Conc. Is <CRQL and </=1x blank value	Sample Conc. is >CRQL and >1x blank value

Below is a summary of the compounds in the sample and the associated qualification that have been applied:

A) **Method Blank Contamination:**

The soil and aqueous extraction blanks applicable to these samples were found to be free of target analyte contamination.

B) **Field Blank Contamination:**

No target analytes were detected in the field blanks applicable to field samples.

2.6 GC/MS Instrument Performance Check

Tuning and performance criteria are established to ensure adequate mass resolution proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The Tuning standard for semivolatile organics is decafluorotriphenylphosphine (DFTPP).

Instrument performance was generated within acceptable limits and frequency (12 hours) for decafluorotriphenylphosphine (DFTPP) for all analyses.

2.7 Initial and Continuing Calibrations

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

A) Response Factor GC/MS:
The response factor measures the instrument's response to specific chemical compounds. The response factor for all compounds must be >/= 0.05 in both initial and continuing calibrations. A value <0.05 indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J". All non-detects for that compound in the corresponding samples will be rejected, "R".

All the response factors for the target analytes reported were found to be within acceptable limits (>/=0.05), for the initial (average RRF) and continuing calibrations.

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):
Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentrations. Percent D compares the response factor of the continuing calibration check to the mean response factor

(RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be <20% and %D must be <20%. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and non-detects are flagged "UJ". If %RSD and %D grossly exceed QC criteria, non-detect data may be qualified, "R", unusable. Additionally, in cases where the %RSD is >30% and eliminating either the high or the low point of the curve does not restore the %RSD to less than or equal to 20% then positive results are qualified, "J". In cases where removal of either the low or high point restores the linearity, then only low or high level results will be qualified, "J" in the portion of the curve where non linearity exists. Due to the large number of analytes in this method, it is expected for some analytes to fall outside acceptance criteria and the calibration is still considered valid.

Acceptable Initial Calibration Verifications were performed.

Initial Calibrations: The initial calibrations provided and the %RSD were within acceptable limits (20%) for all compounds with exceptions noted below: ICAL 2/23/15 GCMS3P – 2,4-Dinitrophenol (32.7%) – "UJ" non- detects in SS-1.

Continuing Calibrations: The continuing calibrations provided and the %D was within acceptable limits (20%) for all compounds.

2.8 Internal Standards

Internal Standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by more than a factor of 2 (-50% to +100%) from the associated continuing calibration standard. The retention time of the internal standard must not vary more than +/- 30 seconds from the associated continuing calibration standard. If the area count is outside the (-50% to +100%) range of the associated standard, all of the positive results for compounds quantitated using that IS are qualified as estimated, "J", and all non-detects as "UJ", or "R" if there is a severe loss of sensitivity.

If an internal standard retention time varies by more than 30 seconds, professional judgment will be used to determine either partial or total rejection of the data for that sample fraction.

All area responses and retention times fell within established QC ranges with the following exceptions:

SSB-1 (0-2) resulted in Chrysene-d12 low response. This sample was analyzed as part of an MS/MSD series and similar results were obtained in MS/MSD analysis and therefore confirm a sample matrix effect. This sample also could not be concentrated to a final volume of 1ml as required by the method. The extract was documented to be viscous and the sample volume was 5mls. Reporting limits have been adjusted accordingly. Positive detections have been qualified estimated, "J" in this sample due to internal standard outlier.

SSB-1 (5-7) also resulted in Chrysene-d12 low response. This sample was reextracted within holding time due to low surrogate recovery. The rextract also yielded Chrysene-d12 low response. The initial data set has been utilized and again, positive detections have been qualified as estimated and were previously qualified based on surrogate recovery data.

Initial analysis of SSB-1 (7-9) also resulted in Chrysene-d12 and Perylene-d12 low area responses. This extract was reanalyzed at a 1:2 dilution and with reduced matrix effects, only Chryene-d12 recovered low. Positive detections have been qualified, "J" for this sample.

2.9 Field Duplicates

Field duplicate samples are collected and analyzed as an indication of overall precision. These results are expected to have more variability than laboratory duplicate samples. Soil samples are also expected to have a greater variance due to the difficulties associated with collecting exact duplicate soil samples. Generally for soil samples an acceptable RPD is 50% and for water samples an acceptable RPD is 10%.

Field Duplicate analysis was collected on SB-2 (0-2) and MW-2. Acceptable precision was observed.

2.10 Target Compound List Identification

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within =/- 0.06RRT units of the standard compound and have an ion spectra which has a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound.

Mass spectra meet criteria for all detected analytes.

Tentatively Identified Compounds (TICs) were not provided by the laboratory and therefore not evaluated. Chromatograms demonstrate significant non-target peaks in MW-3 (16.5-17), SSB-1 (0-2), SSB-1 (5-7), SSB-1 (7-9) and MW-3.

2.11 Compound Quantification and Reported Detection Limits

GC/MS quantitative analysis is considered to be acceptable. Correct internal standards, response factors and percent moisture were used to calculate final concentrations.

As required, the laboratory reported "J" values between the reporting limits (RL) and Method Detection Limits (MDLs). This is consistent with common laboratory practices and a requirement of the National Environmental Laboratory Approval Program (NELAP).

Groundwater samples were analyzed undiluted.

SSB-1 (0-2) could only be concentrated to a final volume of 5mls. SSB-1 (7-9) was reanalyzed at 1:2 dilution due to IS outliers. Initial data set has been utilized and diluted reanalysis was to confirm a matrix effect. SSB-3 (5-7) was reanalyzed at a 1:5 dilution in order to obtain butyl benzyl phthalate within the upper half of the linear calibration range. This value has been qualified, "D" as required by NYSDEC.

2.12 Overall System Performance

Acceptable system performance was maintained throughout the analysis.

Several sample chromatograms document complicated matrices.

3.0 Target Analyte Pesticides by GC SW846 Method 8081B and PCBs by SW846 Method 8082A.

The following method criteria were reviewed: holding times, Surrogates, MS, MSD, LCS, Blanks, Analytical Sequences, Calibrations, Target Component Identification, Quantitation, Reported Quantitation Limits and overall system performance. The Pesticide and PCBs results are considered to be valid and usable as noted within the following text:

3.1 Holding Time

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the technical holding time is exceeded, the data may not be considered valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimates, "J". The non-detects (sample quantitation limits) are required to be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded.

Samples were extracted and analyzed within the method required holding times and the technical holding times required for data validation (14 days for soil) and seven (7) days for aqueous matrices for extraction. All extracts were analyzed within forty (40) days in accordance with the analytical method requirements.

3.2 Surrogate Recovery

All samples are spiked with surrogate compounds prior to sample preparation/extraction to evaluate overall laboratory performance and efficiency of the analytical technique. Additionally, the sample itself may produce effects due to such factors as interferences and high concentrations of analytes. Since the effects of the sample matrix are frequently outside the control of the laboratory and may present relatively unique problems, the evaluation of the data is dependent upon reextraction and/or reanalysis to confirm/negate laboratory error or matrix related problems. No qualifications were applied if one of the spiked surrogates are above acceptance limits on one of the two columns. Discussion of surrogate recoveries that fell outside (above/below) QC guidelines is itemized below:

Pesticides:
Acceptable surrogate recovery values for TCMX and DCB were observed for all analyses with exceptions noted below:

Diluted reanalysis of SS-1, SSB-1 (0-2), SSB-1 (5-7), SSB-3 (7-9) resulted in non-recoverable TCMX and DCB recovery. Acceptable surrogate values were observed for initial analysis and therefore no qualifications to the data was required.

PCBs:
Acceptable surrogate recovery values for TCMX and DCB were observed for all analyses with the exception noted below:

SSB-1 (5-7) high DCB due to interference. No qualifications were applied.

3.3 Matrix Spikes (MS)/Matrix Spike Duplicates (MSD)

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices.

The National Functional Guidelines indicate that MS/MSD data alone shall not be utilized to qualify sample data. MS/MSD was submitted with each batch. Data was not qualified for non-site specific QC based on professional judgment.

Pesticides:

Soil MS/MSD was conducted on SS-1. Due to complicated matrix and documented matrix interferences and high sample concentration relative to spike amount, the recovery values and RPD for many analytes fell outside range. Based on professional judgment and acceptable LCS analysis, no qualifications to the data were applied.

Soil MS/MSD was also conducted on SSB-2 (0-2) and SSB-3 (0-2). Acceptable recoveries and RPD were observed for all spiked compounds.

Groundwater MS/MSD was performed on MW-3. High recovery values were observed for most of the spiked analytes in the MS, however, analytes were not detected in the parent sample and therefore high recoveries do not support any potential loss of detection.

PCBs:

MS/MSD analysis was conducted on SSB-3 (0-2). Acceptable spike recoveries and RPD were observed for Aroclor 1016 and 1260.

Additionally, MS/MSD analysis was also performed on SSB-1 (5-7). High recovery values were obtained for Aroclor 1016 and Aroclor 1260 due to interference with Aroclor 1262 that was detected in the parent sample. Based on professional judgment, no data qualifiers were applied.

Groundwater MS/MSD was performed on MW-3. Acceptable recoveries and RPD were observed.

3.4 Laboratory Control Sample

The LCS data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance.

LCS/Blank Spikes were analyzed for each analytical extraction batch for Pesticides and PCBs. Recovery values were acceptable and no qualifications were applied.

3.5 Blanks

Quality assurance (QA) blanks; i.e. method, instrument, trip and field blanks are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Instrument blanks measure carryover for cross contamination. Field blanks measure cross-contamination of samples during field operations.

The following table was utilized to qualify target analyte results due to contamination. The largest value from all the associated blanks is required to be utilized:

For:	Flag Sample Result with a "U" when:	Report CRQL & Qualify "U" when:	No Qualification is Needed when:
Any Contaminant	Sample Conc. is >CRQL, but </=5x blank value	Sample Conc. Is <CRQL and </=5x blank value	Sample Conc. is >CRQL and >5x blank value

Extraction and Instrument blanks were performed at the appropriate frequency.
Below is a summary of blank contamination:

A) **Method Blank Contamination:**
No target analytes were detected in the associated method blanks and no data validation qualifiers were required based upon method blank data.

B) **Field Blank Contamination:**

Target analytes were not detected in the Field Blanks.

3.6 Calibration Verification

Initial and continuing calibration sequence was performed as required for individual and multi-component Pesticide and PCBs standards. Acceptable DDT and Endrin breakdown percent difference (<20%) was observed. Acceptable retention times were obtained for all analysis and GC resolution is acceptable for both columns.

Linearity criteria for the initial standards have been satisfied for both columns as detailed below:

%RSD </= 20% for single component compounds except alpha-BHC and delta-BHC
%RSD </=30% for Toxaphene peaks
%RSD </= 30% for surrogates (TCMX and DCB)
%RSD <20% for PCB aroclors.

Continuing calibration verifications:
For Pesticide analysis acceptable percent difference for any pesticide is 20% and for PCB analysis, the acceptable limit is 15%.

3.7 Field Duplicates

Field duplicate samples are collected and analyzed as an indication of overall precision. These results are expected to have more variability than laboratory duplicate samples. Soil samples are also expected to have a greater variance due to the difficulties associated with collecting exact duplicate soil samples. Generally for soil samples an acceptable RPD is 50% and 10% for aqueous samples.

Field Duplicate analysis was collected on MW-2. No Pesticides or PCBs were detected in either analysis. Field Duplicate analysis was also collected on SSB-2 (0-2). Acceptable precision was observed.

3.8 Target Compound Identification

Qualitative criteria for compound identification have been established to minimize the number of false positives and false negatives. The retention times of all target analytes have been verified in the samples to that of the analyzed reference standards

Sample analysis was conducted via the internal standard method.

Acceptable DDT/Endrin breakdown was observed.

Positive Pesticide and PCB sample results are compared and where %Difference >25% when quantitated on the two columns the qualifications below are applied. Sample chromatograms were reviewed for the presence of interference. The following qualifications were applied where neither column shows interference:

%Difference	Qualifier
0-25%	None
26-70%	"J"
71-100%	"JN"
101-200% (no interference)	"R"
101-200% (interference detected)*	"JN"
>50% (Pesticide value is <CRQL)**	"U"
>201%	"R"

***When the reported %D is 101-200%, but interference is determined on either column, the results shall be qualified, "JN"**
**** When the reported pesticide value is lower than the CRQL, and the %D is >50%, raise the value to the CRQL and qualify "U", undetected.**

As recommended by SW846 Method 8000, the laboratory has reported the lower value obtained when comparison of each column for Pesticides.

PCB results from SS-1, SSB-1 (0-2) were obtained from the higher column concentration.

Acceptable % difference was observed for reported analytes with the following exceptions:

SS-1 – Aldrin (68.8%), alpha-Chlordane (31.7%), 4,4'-DDD (29.6%) and Heptachlor epoxide (61.8%). The laboratory reported results must be considered estimated, "J."

SSB-1 (0-2) – alpha-Chlordane (45.4%); The laboratory reported result must be considered estimated, "J."

SSB-1 (5-7) – Endrin Ketone (31.4%), alpha-Chlordane (45.0%) and Aroclor 1262 (27.8%) - The laboratory reported results must be considered estimated, "J."

SSB-1 (7-9) – alpha-Chlordane (45.2%) – The laboratory reported result must be considered estimated, "J."
SSB-2 (0-2) – Dieldrin (30.8%) – Qualified estimated, "J."

SSB-3 (5-7) – gamma-Chlordane (63.2%). Qualified estimated, "J."

3.9 Compound Quantification and Reported Detection Limits

TCL compounds are identified on the GC by using the analyte's relative retention time (RRT) and by comparison to the primary column and the secondary confirmation column data. The laboratory reported the lower of the concentrations for primary/confirmatory column results as required. Soil results were reported on a dry weight basis as required.

Samples were initially analyzed undiluted. SS-1 was reanalyzed at 1:100 and 1:200 in order to obtain pesticide concentrations within the instruments linear calibration range.

SSB-1 (0-2), SSB-1 (5-7) and SB-1 (7-9) required secondary and tertiary diluted reanalysis at 1:100 and 1:500 for Pesticides. PCB reanalysis was performed at 1:20 dilution for SSB-1 (0-2) and 1:5 for SSB-1 (5-7).

Several sample chromatograms document complicated sample matrices.

3.10 Overall System Performance

Acceptable system performance was maintained throughout the analysis of all samples. Good resolution and chromatographic performance were observed.

Soil samples were concentrated to 10ml for Pesticides and PCBs. This is acceptable practice and method compliant. The laboratory reporting levels reflect the appropriate extraction concentration volume.

4.0 TAL (23) Metals by ICP/Cold Vapor SW846 Methods 6010C/7470A/7471B

The following method criteria were reviewed: holding times, CRDL standards, calibration, blanks, MS, laboratory duplicates, LCS, interference check sample, ICP serial dilutions and sample results verification. The soil and groundwater metals (total and dissolved) results are considered to be valid and usable with the appropriate qualifiers as notated in the following text:

4.1 Holding Times

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the technical holding time is exceeded, the data may not be considered valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimates, "J". The non-detects (sample quantitation limits) are required to be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded.

Samples were digested and analyzed for TAL Metals within the method required holding times and the technical holding times for data validation. No qualifications were applied based upon holding time criteria. Samples for dissolved metals were field filtered.

4.2 Calibration (ICV/CCV)

Satisfactory instrument calibration is established to ensure that the instruments are capable of producing acceptable quantitative data. An initial calibration demonstrates that the instruments are capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instruments are giving satisfactory sequential performance and that the initial calibration is still valid.

The ICP and Mercury instruments were calibrated utilizing a minimum of a four-point curve in addition to blanks at the beginning of each analytical run. The calibrations have been determined to be acceptable, yielding correlation coefficients of 0.995 or greater.

For ICP analysis, satisfactory instrument performance near the Contract Required Detection Limit (CRDL) was demonstrated by analyzing a CRDL standard at the beginning and end of the analytical run. The instruments were calibrated properly by analyzing the CRDL solution at the correct levels, and analyzed at the required frequency at the beginning and end of each analytical run.

All recoveries were within acceptable limits of 90-110 % for initial calibration pertaining to field samples.

Continuing calibrations were within acceptable limits of 90-110% recovery of the true values for ICP and Mercury (80-120%) for all field samples.

No qualifications were applied based upon ICV/CCV analysis.

4.3 Blanks

Quality assurance (QA) blanks, i.e. method, field or preparation blanks are prepared to identify any contamination that may have been introduced into the samples during sample preparation or field activity. Preparation blanks measure laboratory contamination. Field blanks measure cross-contamination of samples during field operations.

All digestion/prep/ICB/CCB/Field blanks were generated within acceptable limits yielding final concentrations less than the CRDL.

No qualifications to the data were made based upon blank contamination.

4.4 Spiked Sample Recovery

The spike data are generated to determine the long terms precision and accuracy of the analytical method in various matrices.

Aqueous spike recoveries are qualified based on the criteria below:

<30% - "R" all detects and non-detects
Between 30%-74% - results >/=MDL "J" and non-detects "UJ"
Between 126-150% - results >/=MDL "J" and
>150% - results >/= MDL "R"

Soil spike recoveries are qualified based on the criteria below:
<10% - "R" all detects and non-detects
Between 10%-74% - results >/= MDL "J" and non-detects "UJ"
Between 126-200% - results >/=MDL "J" and
>200% - results >/= MDL "R"

SSB-2 (5-7) was utilized for Mercury MS/MSD. Acceptable recoveries and RPD were observed.

SSB-3 (0-2) was selected by AKRF field sampling personnel for MS/MSD analysis. Antimony recovered low (51.7%) in the MS and also in the MSD (50.3%). Acceptable post digestion spike was performed. Manganese also recovered low (71.5%) in the MSD. Results in the parent sample have been qualified "J/UJ."

Spike outliers due to low spike amount relative to sample concentrations were not qualified for this MS/MSD series. Specifically; Aluminum and Iron.

Groundwater MS/MSD was performed on MW-3 for both total and dissolved metals. Acceptable recovery and RPD were observed for all elements.

No qualifications to the data were made for non-site specific MS/MSD.

4.5 Laboratory/Field Duplicates

The laboratory uses duplicate sample determinations to demonstrate acceptable method precision at the time of analysis. Duplicate analyses are also performed to generate data in order to determine the long-term precision of the analytical method on various matrices.

Laboratory Duplicates:
RPD >20% but <100% - J detected concentrations
RPD >/=100% - R all detected and non-detected concentrations

Field Duplicates:
RPD >/=35% but <120% - qualify sample and duplicate results >/= CRQL "J"
RPD >/= 120% - rejected sample and duplicate results >/= CRQL "R"

Field Duplicate analysis was collected on SSB-2 (0-2) as SSB-X.
The laboratory reported result must be considered estimated, "J."

Field Duplicate analysis was also collected in MW-2 as MW-X. Arsenic was detected at 3.2 ug/L in MW-2, however, not in the field duplicate. Results have been qualified, "J/UJ"

Chromium was detected at 11.9 ug/L in MW-2, however, not in the field duplicate. Results have been qualified, "J/UJ."

4.6 Laboratory Control Sample

The laboratory Control Sample (LCS) serves as a monitor of the overall performance of each step during the analysis, including the sample preparation. Aqueous and solid Laboratory Control samples shall be analyzed for each analyte utilizing the same sample preparation, analytical methods and QA/QC procedures as employed for the samples.

The LCS was analyzed and reported for all ICP and Mercury analysis. Associated LCS recoveries were within the acceptable limits for TAL Metals analyses (80-120%).

4.7 Interference Check Sample

The interference check sample (ICS) verifies the laboratory's interelement and background correction factors. The ICS consists of two solutions A and AB. Solution A consists of interference, and solution AB consists of the analytes mixed with interferents.

SW846 Method 6010 requires solution A and solution AB to be analyzed separately. The recoveries for the ICP interference check sample were all within the acceptable limits of 80-120%. No data qualifications were made based upon ICS analysis.

4.8 ICP Serial Dilution

The serial dilution of samples quantitated by ICP determines whether or not significant physical or chemical interferences exist due to sample matrix. An ICP serial dilution analysis must be performed on a sample for each group of samples with a similar matrix type and concentration, or for each Sample Delivery Group (SDG), whichever is more frequent.

Acceptable ICP serial dilutions were performed at a 5-fold dilution as required by the method where the initial concentration is equal or greater than 50x MDL. The serial dilution analysis agrees within a 10% difference of the original determination after correction for dilution for all elements with the following exceptions:

SSB-3 (0-2) – Arsenic (14.1%), Cadmium (100%) and Silver (23.8%). Outliers can be attributed to low sample concentration and therefore no qualifications were applied based on these outliers.

4.9 Sample Results Verification

Analyte quantitation was generated in accordance with protocols. The raw data was verified and found within the linear range of each instrument used for quantitation. Raw data supplied corresponds with reported values. Verification of the calculations yielded reported results.

Metals analysis resulted in acceptable results.

In cases where the dissolved results are slightly higher than the total values, it can be concluded that the specific element is in the dissolved form.

4.10 Overall Assessment of Data

The data generated were of acceptable quality. All analysis was initially conducted undiluted. Secondary diluted reanalysis was performed where interferences were observed.

For the TAL Metals analysis results are usable at the concentrations presented in the validated spreadsheets.

Reviewer's Signature Lori A. Beyer **Date** 04/06/2015

Appendix A
Chain of Custody
Documents

ACCUTEST LABORATORIES

SO SLL

CHAIN OF CUSTODY

2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

Impulse

PAGE 1 OF 1

P1

FED-EX Tracking #:
Bottle Order Control #: SCM-2/5/2015-7
Accutest Quote #:
Accutest Job #: JB88569

Client / Reporting Information

Company Name: aKrf, inc
Street Address: 440 Park Avenue S. 7 Floor
City: New York, State: NY, Zip: 10016
Project Contact: deborah shapiro, E-mail: dshapiro@akrf
Phone #: 646 388 9544, Fax #:
Sampler(s) Name(s): a. jordan, Phone #: 610 405 2847

Project Information

Project Name: Elton Crossing
Street: 899 Elton Avenue
City: Bronx, State: NY
Project #: 11901
Client Purchase Order #:
Project Manager: d. shapiro

Billing Information (if different from Report to): Company Name, Street Address, City, State, Zip, Attention:

Requested Analysis (see TEST CODE sheet)

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	TCL VOC 8260	TCL SVOC 8270	Pesticides 8081	PCBs 8082	TAL Metals 6010/7000	2x Rec 5gm encore	LAB USE ONLY
-1	MW-3(16.5-17)		2.18.15	1930	aj	S	1									X	X					OSV1
-2	SS-1		2.19.15	1130	aj	S	4								3	X	X	X	X	X		14W6

LAB USE ONLY: OSV1, 14W6, 49/15, Encore, B10

INITIAL ASSESSMENT 3B AR

LABEL VERIFICATION 4R

Matrix Codes: DW - Drinking Water, GW - Ground Water, WW - Water, SW - Surface Water, SO - Soil, SL - Sludge, SED - Sediment, OI - Oil, LIQ - Other Liquid, AIR - Air, SOL - Other Solid, WP - Wipe, FB - Field Blank, EB - Equipment Blank, RB - Rinse Blank, TB - Trip Blank

Turnaround Time (Business days)

- [x] Std. 10 Business Days
- [ ] 5 Day RUSH
- [ ] 3 Day RUSH
- [ ] 2 Day RUSH
- [ ] 1 Day RUSH
- [ ] other

Approved By (Accutest PM): / Date:

Emergency & Rush T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [x] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NJ Data of Known Quality Protocol Reporting
- [ ] NYASP Category A
- [x] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only, Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

please email dshapiro@akrf and ajordan@akrf w/ results, etc.!
Keep SDG open

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 a. jordan	2.20.15 @ 1100	1 [signature]	2	2/20/15 15:30	2 [signature] Robinson
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal # N/A	☐ Intact ☐ Not intact	Preserved where applicable ☐ On Ice ☐ Cooler Temp. 3.0°C

5.1

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JB88569: Chain of Custody
Page 1 of 3

ACCUTEST LABORATORIES

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JB88569 **Client:** AKRF **Project:** Elton Crossing

Date / Time Received: 2/20/2015 3:30:00 PM **Delivery Method:** Other Courier **Airbill #'s:**

Cooler Temps (Initial/Adjusted): #1: (3/2.7): 0

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	IR Gun	
3. Cooler media:	Ice (Bag)	
4. No. Coolers	1	

Quality Control Preservatio	Y	N	N/A
1. Trip Blank present / cooler:	☐	☑	☐
2. Trip Blank listed on COC:	☐	☑	☐
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☐	☐	☑

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

1) -1(MW-3): Rec'd 1 x 8oz jar, no separate voc jar sent. Voa's to run first.

2) Incomplete coc: Samples not relinquished to lab by courier (Impulse).

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

5.1

5

JB88569: Chain of Custody
Page 2 of 3

Sample Receipt Summary - Problem Resolution

Accutest Job Number: JB88569

Initiator: daveh

CSR: M Cordova

Response Date: 2/20/2015

Response: Do a Low level preservation in the lab for the VOC.

5.1

5

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
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Dayton, New Jersey
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JB88569: Chain of Custody
Page 3 of 3

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PAGE 1 OF 2

Impulse

FED-EX Tracking #	Bottle Order Control # SCM 2/5/2015-7
Accutest Quote #	Accutest Job # JB 88935

Client / Reporting Information

Company Name	akrf, inc
Street Address	440 Park Avenue South, 7th
City / State / Zip	NY NY 10016
Project Contact	Deborah Shapiro
E-mail	dshapiro@akrf
Phone #	646-388-9544
Fax #	
Sampler(s) Name(s)	a. Jordan
Phone #	610.405.2847

Project Information

Project Name	Elton Crossing
Street	899 Elton Avenue
City / State	Bronx NY
Project #	1901
Client Purchase Order #	
Project Manager	d. Shapiro

Billing Information (If different from Report to): Company Name / Street Address / City / State / Zip / Attention:

Requested Analysis (see TEST CODE sheet)

Matrix Codes: DW - Drinking Water, GW - Ground Water, WW - Water, SW - Surface Water, SO - Soil, SL - Sludge, SED - Sediment, OI - Oil, LIQ - Other Liquid, AIR - Air, SOL - Other Solid, WP - Wipe, FB - Field Blank, EB - Equipment Blank, RB - Rinse Blank, TB - Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	TCL VOC 8260	TCL SVOC 8270	Pesticides 8081	PCBs 8082	TAL Metals 6010/7470	LAB USE ONLY
1	SB-1(0-2)		2/25/15	1520	aj	S	4					1			3	X	X	X	X	X	D55
2	SB-1(5-7)		2/25/15	1525	aj	S	4					1			3	X	X	X	X	X	Encore
3	SB-1(7-9)		2/25/15	1530	aj	S	4					1			3	X	X	X	X	X	14B1
4	SB-2(0-2)		2/25/15	1600	aj	S	4					1			3	X	X	X	X	X	49128
5	SB-2(5-7)		2/25/15	1615	aj	S	4					1			3	X	X	X	X	X	G100
6	SB-2(8-10)		2/25/15	1620	aj	S	4					1			3	X	X	X	X	X	A1
7	SB-X		2/25/15	1605	aj	S	4					1			3	X	X	X	X	X	V13,8
8	SB-3(0-2)		2/26/15	0845	aj	S	4					1			3	X	X	X	X	X	3B al
9	SB-3(5-7)		2/26/15	0840	aj	S	4					1			3	X	X	X	X	X	
10	SB-3(7.5-9.5)		2/26/15	0835	aj	S	4					1			3	X	X	X	X	X	
8	SB-3-MS/MSD(0-2)		2/26/15	0945	aj	S	8					2			6	X	X	X	X	X	
11	TB20150226		2/16/15	1100	aj	aq	2	2								X					

INITIAL ASSESSMENT

LABEL VERIFICATION JR

Turnaround Time (Business days)

- [x] Std. 10 Business Days
- [ ] 5 Day RUSH
- [ ] 3 Day RUSH
- [ ] 2 Day RUSH
- [ ] 1 Day RUSH
- [ ] other ________

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM) / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [x] NYASP Category B
- [ ] State Forms
- [ ] EDD Format ________
- [ ] Other ________
- [ ] NJ Data of Known Quality Protocol Reporting

Commercial "A" = Results Only, Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

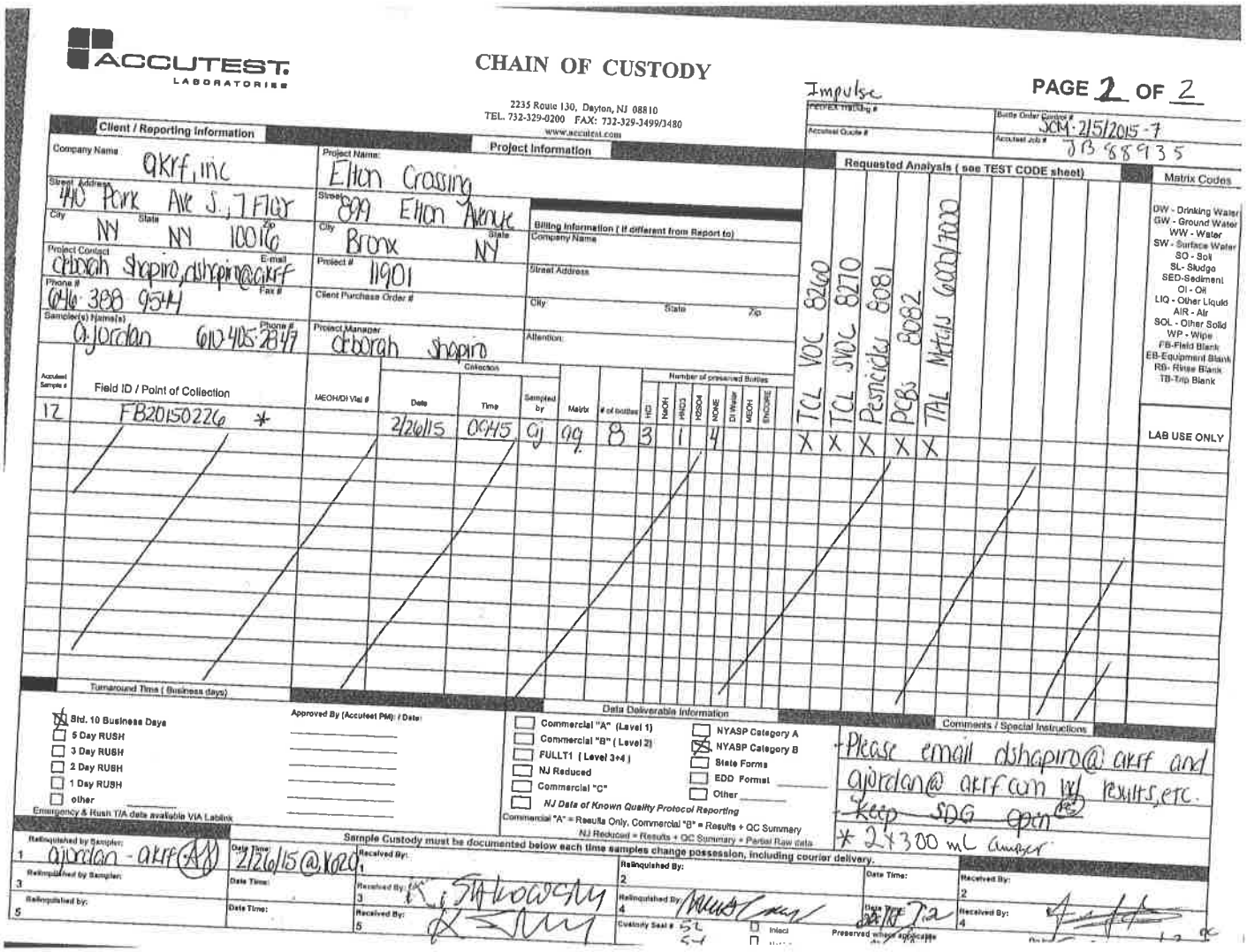
Comments / Special Instructions

- Please email dshapiro@akrf and ajordan@akrf w/ results, etc.
~~Keep SDG open~~
• 3 Encores Rec'd 2/26/15 al

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler: 1 ajordan - akrf AJ	Date Time: 2/26/15 @ 1620	Received By: 1 [illegible]	Relinquished By: 2	Date Time:	Received By: 2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4 [illegible]	Date Time: 2/26/15 [illegible]	Received By: 4 [illegible]
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal # 52 54	☒ Intact ☐ Not intact	Preserved where applicable ☐	Cooler Temp. 1.2 °C, 1.0 [illegible]

5.1
5



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Impulse

PAGE 2 OF 2

Accutest Quote #: | Buttle Order Control #: JCM-2/5/2015-7
Accutest Job #: JB88935

Client / Reporting Information

Company Name: QKrf, inc
Street Address: 440 Park Ave S., 7 Flor
City: NY State: NY Zip: 10016
Project Contact: Deborah Shapiro, dshapiro@qkrf
E-mail:
Phone #: 646-388-9544 Fax #:
Sampler(s) Name(s): Ajordan 610-405-2847 Phone #:

Project Information

Project Name: Elton Crossing
Street: 899 Elton Avenue
City: Bronx State: NY
Project #: 11901
Client Purchase Order #:
Project Manager: deborah shapiro

Billing Information (If different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	TCL VOC 8260	TCL SVOC 8270	Pesticides 8081	PCBs 8082	TAL Metals 6010/7000
12	FB20150226 *		2/26/15	0945	GJ	GW	8	3	1			4				X	X	X	X	X

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB-Equipment Blank
RB- Rinse Blank
TB-Trip Blank

LAB USE ONLY

Turnaround Time (Business days)

- [x] Std. 10 Business Days
- [ ] 5 Day RUSH
- [ ] 3 Day RUSH
- [ ] 2 Day RUSH
- [ ] 1 Day RUSH
- [ ] other

Emergency & Rush T/A data available VIA Labtink

Approved By (Accutest PM): / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NJ Data of Known Quality Protocol Reporting

Commercial "A" = Results Only, Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

- [ ] NYASP Category A
- [x] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Comments / Special Instructions

Please email dshapiro@qkrf.com and ajordan@qkrf.com w/ results, etc.
Keep SDG open
* 2 x 300 mL amber

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	Ajordan - QKrf	2/26/15 @ 1620		2		2
3	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
5	Relinquished by:	Date Time:	Received By:	Custody Seal #	Preserved where applicable	On Ice

5.1.5

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JB88935 **Client:** _____ **Project:** _____

Date / Time Received: 2/26/2015 7:20:00 PM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Initial/Adjusted): #1: (1.2/0.9); #2: (1/0.7); 0

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR Gun		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	2		

Quality Control Preservatio	Y	or	N	N/A
1. Trip Blank present / cooler:	☑		☐	☐
2. Trip Blank listed on COC:	☑		☐	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Accutest Laboratories
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2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
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5.1

5

JB88935: Chain of Custody
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ACCUTEST LABORATORIES

CHAIN OF CUSTODY

PAGE 1 OF 2

2235 Route 130, Dayton, NJ 08810
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FED-EX Tracking #:
Bottle Order Control #: SCN-2/5/2015-7
Accutest Quote #:
Accutest Job #: JB88935 REVISED

Client / Reporting Information

Company Name: AKRF, Inc.
Street Address: 440 Park Avenue South, 7F
City: NY State: NY Zip: 10016
Project Contact: Deborah Shapiro E-mail: dshapiro@akrf
Phone #: 646-388-9374 Fax #:
Sampler(s) Name(s): A. Jordan Phone #: 610 405 2347

Project Information

Project Name: Elton Crossing
Street: 859 Elton Avenue
City: Bronx State: NY
Project #: 11424
Client Purchase Order #:
Project Manager: D. Shapiro

Billing Information (if different from Report to)
Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis (see TEST CODE sheet): TCL VOC 8260; TCL SVOC 8270; Pesticides 8081; PCBs 8082; TAL Metals 6010/7000

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	TCL VOC 8260	TCL SVOC 8270	Pesticides 8081	PCBs 8082	TAL Metals 6010/7000	LAB USE ONLY
	SSB-1(0-2)		2/25/15	1520	GI	S	4					1			3	X	X	X	X	X	
	SSB-1(5-7)		2/25/15	1525	GI	S	4					1			3	X	X	X	X	X	
	SSB-1(7-9)		2/25/15	1530	GI	S	4					1			3	X	X	X	X	X	
	SSB-2(0-2)		2/25/15	1600	GI	S	4					1			3	X	X	X	X	X	
	SSB-2(5-7)		2/25/15	1615	GI	S	4					1			3	X	X	X	X	X	
	SSB-2(8-10)		2/25/15	1620	GI	S	4					1			3	X	X	X	X	X	
	SSB-X		2/25/15	1605	GI	S	4					1			3	X	X	X	X	X	
	SSB-3(0-2)		2/26/15	0845	GI	S	4					1			3	X	X	X	X	X	
	SSB-3(5-7)		2/26/15	0840	GI	S	4					1			3	X	X	X	X	X	
	SSB-3(7.5-9.5)		2/26/15	0935	GI	S	4					1			3	X	X	X	X	X	
	SSB-3-MS/MSD(0-2)		2/26/15	0945	GI	S	8					2			6	X	X	X	X	X	
	TB20150226		2/26/15	1100	GI	AQ	2	2								X					

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; SED - Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB - Field Blank; EB - Equipment Blank; RB - Rinse Blank; TB - Trip Blank

Turnaround Time (Business days)
- [x] Std. 10 Business Days
- [ ] 5 Day RUSH
- [ ] 3 Day RUSH
- [ ] 2 Day RUSH
- [ ] 1 Day RUSH
- [ ] other

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM) / Date:

Data Deliverable Information
- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NJ Data of Known Quality Protocol Reporting
- [ ] NYASP Category A
- [x] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only, Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions: Please email dshapiro@akrf and ajordan@akrf w/ results, etc. ~~Keep SPG [illegible]~~

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 A. Jordan - AKRF	2/26/15 @ 1620	1 [illegible]	2		2
3		3 [illegible]	4		4
5		5 [illegible]	Custody Seal #	☐ Intact ☐ Not intact	Preserved where applicable ☐ On Ice ☐ Cooler Temp.

JB88935: Chain of Custody
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ACCUTEST LABORATORIES

CHAIN OF CUSTODY

PAGE 2 OF 2

2235 Route 130, Dayton, NJ 08810
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FED-EX Tracking #:
Bottle Order Control #: SOM-2/5/2015-7
Accutest Quote #:
Accutest Job #: JB88935 REVISED

Client / Reporting Information

Company Name: akrf, inc
Street Address: 440 Park Ave S., 7 Floor
City: NY State: NY Zip: 10016
Project Contact: deborah shapiro, dshapiro@akrf E-mail
Phone #: 646-388-9544 Fax #
Sampler(s) Name(s): a.jordan Phone # 610-405-2847

Project Information

Project Name: Elton Crossing
Street: 899 Elton Avenue
City: Bronx State: NY
Project #: 11901
Client Purchase Order #:
Project Manager: deborah shapiro

Billing Information (if different from Report to)
Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis (see TEST CODE sheet): TCL VOC 8260; TCL SVOC 8270; Pesticides 8081; PCBs 8082; TAL Metals 6010/7000

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; SED - Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB - Field Blank; EB - Equipment Blank; RB - Rinse Blank; TB - Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	TCL VOC 8260	TCL SVOC 8270	Pesticides 8081	PCBs 8082	TAL Metals 6010/7000	LAB USE ONLY
	FB20150226		2/26/15	0645	aj	aq	8	3		1		4				X	X	X	X	X	

Turnaround Time (Business days)

- [x] Std. 10 Business Days
- [ ] 5 Day RUSH
- [ ] 3 Day RUSH
- [ ] 2 Day RUSH
- [ ] 1 Day RUSH
- [ ] other

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NJ Data of Known Quality Protocol Reporting
- [ ] NYASP Category A
- [x] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only, Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions: Please email dshapiro@akrf and ajordan@akrf.com w/ results, etc. ~~Keep SDG open~~

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 ajordan - akrf (AJ)	2/26/15 @ 1020	1	2		2
3 Relinquished by Sampler:	Date Time:	3 Received By: K. Stakowsky	4 Relinquished By:	Date Time:	4 Received By:
5 Relinquished by:	Date Time:	5 Received By: [signature]	Custody Seal #	☐ Intact ☐ Not intact	Preserved where applicable ☐ On Ice ☐ Cooler Temp.

JB88935: Chain of Custody
Page 8 of 8

ACCUTEST LABORATORIES

April 2, 2015

Ms. Deborah Shapiro
AKRF, Inc.
440 Park Avenue South
New York, NY 10016

RE: Accutest Job # JB88935 – Reissues

Dear Ms. Shapiro,

The final report for Accutest jobs number JB88935 has been edited to reflect changes to your data package. These edits have been incorporated into the revised report which is attached.

The letter "S" has been added to samples ID begins with "SB" as per Ms. Lindsay Deckard's request on 4/1/2015. The attached report incorporates this revision.

Please contact me at 732-355-4550 if I may be of further assistance in this matter, or if you have any further questions regarding this data report.

Sincerely,

Matthew Cordova

Accutest Laboratories

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GW FB WTB

CHAIN OF CUSTODY

PAGE 1 OF ___

2235 Route 130, Dayton, NJ 08810
TEL 732-329-0200 FAX: 732-329-3499/3480
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FED EX Tracking #:
Bottle Order Control #: SCM-2/5/2015/7
Accutest Quote #:
Accutest Job #: JB89708

Client / Reporting Information

Company Name: AKRF, Inc
Street Address: 440 Park Avenue S
City: NY State: NY Zip: 10016
Project Contact / E-mail: cl.shapiro@akrf.com
Phone #: 646-388-9544 Fax #:
Sampler(s) Name(s): GJordan Phone #: 6104052847

Project Information

Project Name: Elton Crossing
Street: 999 Elton Ave
City: Bronx State: NY
Project #: 11901
Client Purchase Order #:
Project Manager: Cl Shapiro

Billing Information (if different from Report to)
Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis (see TEST CODE sheet): TCL VOC 8260; TCL SVOC 8270; Pesticides 8081 *; PCBs 8082; TAL Metals 6010D

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	TCL VOC 8260	TCL SVOC 8270	Pesticides 8081	PCBs 8082	TAL Metals 6010D	LAB USE ONLY
1F	MW-1		3/11/15	0855	GJ	GW	9	3		2						X	X	X	X	X	~~G34~~
2F	MW-2		↓	1315	GJ	GW	9	3		2						X	X	X	X	X	E55
3F	MW-3		↓	1110	GJ	GW	9	3		2						X	X	X	X	X	A18
3F	MW-3-MS/MSD		↓	1120	GJ	GW	18	6		4						X	X	X	X	X	V265
4F	MW-X		↓	1320	GJ	GW	9	3		2						X	X	X	X	X	
5	TB20150311		—	—	—	TB	2	2								X					
6F	FB20150311		3/11/2015	1400	GJ	FB	9	3		2						X	X	X	X	X	

* 2 x 300 mL RVT

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; SED - Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB - Field Blank; EB - Equipment Blank; RB - Rinse Blank; TB - Trip Blank

Turnaround Time (Business days)

- [x] Std. 10 Business Days
- [ ] 5 Day RUSH
- [ ] 3 Day RUSH
- [ ] 2 Day RUSH
- [ ] 1 Day RUSH
- [ ] other

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM) / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NJ Data of Known Quality Protocol Reporting
- [ ] NYASP Category A
- [x] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only, Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

also email gjordan@akrf.com

INITIAL ASSESSMENT Am 2B

LABEL VERIFICATION

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler: 1 GJordan	Date Time: 1600 3/11/15	Received By: 1 [signature]	Relinquished By: 2 [signature]	Date Time: 3-11 1748	Received By: 2 [signature]
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal: ☐ Intact ☐ Not intact	Preserved where applicable:	On Ice: ☐ Cooler Temp: 03.7 / 03.6 / 04.1

JB89708: Chain of Custody
Page 1 of 3

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JB89708 **Client:** AKRF **Project:** ELTON CROSSING

Date / Time Received: 3/11/2015 5:48:00 PM **Delivery Method:** Accutest Courier **Airbill #'s:**

Cooler Temps (Initial/Adjusted): #1: (3.7/1.9); #2: (3.6/1.8); #3: (4.1/2.3); 0

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR Gun		
3. Cooler media:	Ice (Bag)		
4. No. Coolers	3		

Quality Control Preservatio	Y	N	N/A
1. Trip Blank present / cooler:	☑	☐	☐
2. Trip Blank listed on COC:	☑	☐	☐
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☐		☑
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments -2,3,4 & 6 All voc vials rec'd without individual labels. Only 1 label placed on bag. Samples set up accordingly

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2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
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5

ACCUTEST LABORATORIES

Sample Receipt Summary - Problem Resolution

Accutest Job Number: JB89708

Initiator: ANDREWS

CSR: M Cordova

Response Date: 3/11/2015

Response: Proceed

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2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
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JB89708: Chain of Custody
Page 3 of 3

Appendix B
Case Narratives

ACCUTEST LABORATORIES

2

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	AKRF	**Job No**	JB88569
Site:	Elton Crossing, 899 Elton Avenue, Bronx, NY	**Report Date**	3/4/2015 5:07:17 PM

On 02/20/2015, 2 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 3.0 C. Samples were intact and chemically preserved, unless noted below. An Accutest Job Number of JB88569 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method SW846 8260C

Matrix: SO **Batch ID:** V3C5362

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB88638-1DUP, JB88638-2MS, JB88638-1DUP were used as the QC samples indicated.
- RPD(s) for Duplicate for Tetrachloroethene, Trichloroethene are outside control limits for sample JB88638-1DUP. Outside control limits possibly due to sample non-homogeneity. (BATCH)

Matrix: SO **Batch ID:** V3C5371

- All samples were analyzed within the recommended method holding time.
- Sample(s) JB88935-8MS, JB88935-8MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- JB88569-1: Dilution required due to matrix interference.

Extractables by GCMS By Method SW846 8270D

Matrix: SO **Batch ID:** OP81964

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB88569-2MS, JB88569-2MSD were used as the QC samples indicated.
- Matrix Spike Recovery(s) for 2,4-Dimethylphenol, 3,3'-Dichlorobenzidine, 3-Nitroaniline, 4-Chloroaniline, bis(2-Ethylhexyl)phthalate are outside in house control limits.
- Matrix Spike Duplicate Recovery(s) for 2,4-Dimethylphenol, 3,3'-Dichlorobenzidine are outside in house control limits.
- RPD(s) for MSD for 1,2,4,5-Tetrachlorobenzene, 2,4-Dimethylphenol, 2,6-Dinitrotoluene, 2-Chloronaphthalene, 2-Chlorophenol, 2-Nitrophenol, 3&4-Methylphenol, 3,3'-Dichlorobenzidine, 3-Nitroaniline, 4-Chloroaniline, 4-Nitrophenol, Atrazine, bis(2-Ethylhexyl)phthalate, Di-n-butyl phthalate, Hexachlorobenzene, Hexachlorobutadiene, Hexachlorocyclopentadiene, Hexachloroethane, Isophorone, N-Nitrosodiphenylamine are outside control limits for sample OP81964-MSD. Analytical precision exceeds in-house control limits.

Matrix: SO **Batch ID:** OP82013

- All samples were extracted within the recommended method holding time.
- Sample(s) JB88736-1MS, JB88736-1MSD were used as the QC samples indicated. (BATCH)
- All method blanks for this batch meet method specific criteria.

Extractables by GC By Method SW846 8081B

Matrix: SO	Batch ID: OP81980

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB88569-2MS, JB88569-2MSD, OP81980-MSMSD were used as the QC samples indicated.
- Matrix Spike / Matrix Spike Duplicate Recovery(s) for Aldrin, delta-BHC, gamma-BHC (Lindane) are outside control limits. Outside control limits due to matrix interference.
- Matrix Spike / Matrix Spike Duplicate Recovery(s) for 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, alpha-Chlordane, Dieldrin, Endrin, gamma-Chlordane, Heptachlor, Heptachlor epoxide are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- RPD(s) for MSD for Aldrin, beta-BHC, delta-BHC, Endosulfan sulfate, Endosulfan-II, Endrin aldehyde, Heptachlor epoxide, Methoxychlor are outside control limits for sample OP81980-MSD. Outside control limits due to matrix interference.
- JB88569-2 for Decachlorobiphenyl: Outside control limits due to dilution.
- JB88569-2 for Heptachlor epoxide: More than 40 % RPD for detected concentrations between the two GC columns.
- JB88569-2 for Tetrachloro-m-xylene: Outside control limits due to dilution.
- JB88569-2 for Decachlorobiphenyl: Outside control limits due to dilution.
- JB88569-2 for Tetrachloro-m-xylene: Outside control limits due to dilution.
- JB88569-2 for Aldrin: More than 40 % RPD for detected concentrations between the two GC columns.

Extractables by GC By Method SW846 8082A

Matrix: SO	Batch ID: OP81975

- All samples were extracted within the recommended method holding time.
- Sample(s) JB88665-1QMS, JB88665-1QMSD, OP81975-MSMSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- JB88569-2 for Aroclor 1262: Reported from 2nd signal. %D of check on 1st signal excess method criteria (20 %) so using for confirmation only.

Metals By Method SW846 6010C

Matrix: SO	Batch ID: MP85014

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB88510-3MS, JB88510-3MSD, JB88510-3SDL were used as the QC samples for metals.
- Matrix Spike Recovery(s) for Aluminum, Antimony, Magnesium are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
- Matrix Spike Duplicate Recovery(s) for Aluminum, Antimony, Magnesium, Zinc are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
- Matrix Spike / Matrix Spike Duplicaet Recovery(s) for Iron are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- RPD(s) for Serial Dilution for Manganese are outside control limits for sample MP85014-SD1. Probable cause due to sample homogeneity.
- JB88569-2 for Silver: Elevated detection limit due to dilution required for high interfering element.
- JB88569-2 for Manganese: Elevated detection limit due to dilution required for high interfering element.
- JB88569-2 for Lead: Elevated detection limit due to dilution required for high interfering element.
- JB88569-2 for Chromium: Elevated detection limit due to dilution required for high interfering element.
- JB88569-2 for Selenium: Elevated detection limit due to dilution required for high interfering element.
- JB88569-2 for Copper: Elevated detection limit due to dilution required for high interfering element.
- JB88569-2 for Cadmium: Elevated detection limit due to dilution required for high interfering element.
- JB88569-2 for Antimony: Elevated detection limit due to dilution required for high interfering element.
- MP85014-SD1 for Manganese: Serial dilution indicates possible matrix interference.
- JB88569-2 for Thallium: Elevated detection limit due to dilution required for high interfering element.

Metals By Method SW846 7471B

Matrix: SO	Batch ID: MP84996

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB88642-9MS, JB88642-9MSD were used as the QC samples for metals.

Wet Chemistry By Method SM2540 G-97

Matrix: SO	Batch ID: GN20701

- The data for SM2540 G-97 meets quality control requirements.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	AKRF	**Job No**	JB88935
Site:	Elton Crossing, 899 Elton Avenue, Bronx, NY	**Report Date**	3/12/2015 5:24:06 PM

On 02/26/2015, 10 Sample(s), 1 Trip Blank(s) and 1 Field Blank(s) were received at Accutest Laboratories at a temperature of #1: (1.2/0.9); #2: (1/0.7) C. Samples were intact and chemically preserved, unless noted below. An Accutest Job Number of JB88935 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method SW846 8260C

Matrix: AQ **Batch ID:** V2B5771

- All samples were analyzed within the recommended method holding time.
- Sample(s) JB88920-6MS, JB88920-6MSD were used as the QC samples indicated. (BATCH)
- All method blanks for this batch meet method specific criteria.

Matrix: SO **Batch ID:** V3C5371

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB88935-8MS, JB88935-8MSD were used as the QC samples indicated.

Matrix: SO **Batch ID:** V3C5373

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB88985-8MS, JB88985-8MSD were used as the QC samples indicated. (BATCH)

Extractables by GCMS By Method SW846 8270D

Matrix: AQ	Batch ID: OP82087

- All samples were extracted within the recommended method holding time.
- Sample(s) JB88985-9MS, JB88985-9MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Matrix: SO	Batch ID: OP82080

- All samples were extracted within the recommended method holding time.
- Sample(s) JB88935-1MS, JB88935-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Recovery(s) for 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 2-Nitrophenol, 3,3'-Dichlorobenzidine, 3-Nitroaniline, 4,6-Dinitro-o-cresol, 4-Nitroaniline, 4-Nitrophenol, Butyl benzyl phthalate, Hexachlorocyclopentadiene, Hexachloroethane are outside control limits. Outside of in house control limits.
- Matrix Spike Duplicate Recovery(s) for 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, 3,3'-Dichlorobenzidine, 3-Nitroaniline, 4,6-Dinitro-o-cresol, 4-Nitroaniline, 4-Nitrophenol, Butyl benzyl phthalate, Hexachlorocyclopentadiene, Hexachloroethane, 2-Nitrophenol are outside control limits. Outside of in house control limits.
- RPD(s) for MSD for 2-Nitrophenol are outside control limits for sample OP82080-MSD. Analytical precision exceeds in-house control limits.
- JB88935-3: Confirmation run for internal standard areas.
- JB88935-1: Elevated detection limit due to high final volume of viscous extract.

Matrix: SO	Batch ID: OP82124

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB89139-1AMS, JB89139-1AMSD were used as the QC samples indicated.
- Matrix Spike Recovery(s) for 2,4-Dinitrophenol, 4,6-Dinitro-o-cresol are outside control limits. Outside of in house control limits.
- Matrix Spike Duplicate Recovery(s) for 2,4-Dinitrophenol, 2-Nitrophenol, 4,6-Dinitro-o-cresol are outside control limits. Outside of in house control limits.
- JB88935-2 for Terphenyl-d14: Outside control limits due to matrix interference. Confirmed by re-extraction.
- JB88935-2 for 2-Fluorobiphenyl: Outside control limits due to matrix interference. Confirmed by re-extraction.

Extractables by GC By Method SW846 8081B

Matrix: AQ	Batch ID: OP82097

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

Matrix: SO	Batch ID: OP82082

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB88935-4MS, JB88935-4MSD, JB88935-8MS, JB88935-8MSD, OP82082-MS2MSD, OP82082-MSMSD were used as the QC samples indicated.
- JB88935-2 for Tetrachloro-m-xylene: Outside control limits due to dilution.
- JB88935-1 for Decachlorobiphenyl: Outside control limits due to dilution.
- JB88935-3 for Tetrachloro-m-xylene: Outside control limits due to dilution.
- JB88935-3 for alpha-Chlordane: More than 40 % RPD for detected concentrations between the two GC columns.
- JB88935-2 for Decachlorobiphenyl: Outside control limits due to dilution.
- JB88935-2 for alpha-Chlordane: More than 40 % RPD for detected concentrations between the two GC columns.
- JB88935-1 for Tetrachloro-m-xylene: Outside control limits due to dilution.
- JB88935-2 for Decachlorobiphenyl: Outside control limits due to dilution.
- JB88935-1 for alpha-Chlordane: More than 40 % RPD for detected concentrations between the two GC columns.
- JB88935-3 for Tetrachloro-m-xylene: Outside control limits due to dilution.
- JB88935-3 for Decachlorobiphenyl: Outside control limits due to dilution.
- JB88935-3 for Decachlorobiphenyl: Outside control limits due to dilution.
- JB88935-2 for Tetrachloro-m-xylene: Outside control limits due to dilution.
- JB88935-1 for Decachlorobiphenyl: Outside control limits due to matrix interference.
- JB88935-1 for Tetrachloro-m-xylene: Outside control limits due to dilution.
- JB88935-1 for Decachlorobiphenyl: Outside control limits due to dilution.
- JB88935-9 for gamma-Chlordane: More than 40 % RPD for detected concentrations between the two GC columns.
- JB88935-2 for Decachlorobiphenyl: Outside control limits due to matrix interference.

Extractables by GC By Method SW846 8082A

Matrix: AQ	Batch ID: OP82095

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

Matrix: SO	Batch ID: OP82081

- All samples were extracted within the recommended method holding time.
- Sample(s) JB88935-2MS, JB88935-2MSD, JB88935-8MS, JB88935-8MSD, OP82081-MSMSD, OP82081-MS2MSD2 were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike / Matrix Spike Duplicate Recovery(s) for Aroclor 1016, Aroclor 1260 are outside control limits. Outside control limits due to matrix interference.
- RPD(s) for MSD for Aroclor 1262 are outside control limits for sample OP82081-MSD. Outside control limits due to matrix interference.
- JB88935-2 for Aroclor 1262: Reported from 1st signal. %D of check on 2nd signal excess method criteria (20 %) so using for confirmation only.
- JB88935-1 for Aroclor 1262: Reported from 1st signal. %D of check on 2nd signal excess method criteria (20 %) so using for confirmation only.
- JB88935-2 for Decachlorobiphenyl: Outside control limits due to matrix interference.
- JB88935-1 for Decachlorobiphenyl: Outside control limits due to matrix interference.
- JB88935-3 for Aroclor 1262: More than 40 % RPD for detected concentrations between the two GC columns.
- OP82081-MS for Decachlorobiphenyl: Outside control limits due to matrix interference.
- OP82081-MSD for Decachlorobiphenyl: Outside control limits due to matrix interference.
- JB88935-2 for Decachlorobiphenyl: Outside control limits due to matrix interference.

Metals By Method SW846 6010C

Matrix: AQ	Batch ID: MP85109

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB88877-2MS, JB88877-2MSD, JB88877-2SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Beryllium, Cadmium, Chromium, Cobalt, Copper, Nickel, Silver, Vanadium are outside control limits for sample MP85109-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Matrix: SO	Batch ID: MP85117

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB88935-8MS, JB88935-8MSD, JB88935-8SDL were used as the QC samples for metals.
- Matrix Spike Recovery(s) for Antimony are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
- Matrix Spike Duplicate Recovery(s) for Antimony, Manganese are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
- Matrix Spike / Matrix Spike Duplicate Recovery(s) for Aluminum, Iron are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- RPD(s) for Serial Dilution for Arsenic, Cadmium, Silver are outside control limits for sample MP85117-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- JB88935-1 for Vanadium: Elevated detection limit due to dilution required for high interfering element.
- JB88935-1 for Lead: Elevated detection limit due to dilution required for high interfering element.
- JB88935-10 for Thallium: Elevated detection limit due to dilution required for high interfering element.
- JB88935-1 for Thallium: Elevated detection limit due to dilution required for high interfering element.
- JB88935-1 for Silver: Elevated detection limit due to dilution required for high interfering element.
- JB88935-1 for Manganese: Elevated detection limit due to dilution required for high interfering element.
- JB88935-1 for Copper: Elevated detection limit due to dilution required for high interfering element.
- JB88935-1 for Chromium: Elevated detection limit due to dilution required for high interfering element.
- JB88935-1 for Cadmium: Elevated detection limit due to dilution required for high interfering element.
- JB88935-1 for Arsenic: Elevated detection limit due to dilution required for high interfering element.
- JB88935-1 for Selenium: Elevated detection limit due to dilution required for high interfering element.

Metals By Method SW846 7470A

Matrix: AQ	Batch ID: MP85104

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB88992-2MS, JB88992-2MSD were used as the QC samples for metals.

Metals By Method SW846 7471B

Matrix: SO	Batch ID: MP85098

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB88935-5MS, JB88935-5MSD were used as the QC samples for metals.

Matrix: SO	Batch ID: MP85116

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB88935-8MS, JB88935-8MSD were used as the QC samples for metals.

Wet Chemistry By Method SM2540 G-97

Matrix: SO	Batch ID: GN20980

- The data for SM2540 G-97 meets quality control requirements.

Matrix: SO	Batch ID: GN20981

- The data for SM2540 G-97 meets quality control requirements.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

ACCUTEST LABORATORIES

2

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	AKRF	**Job No**	JB89708
Site:	Elton Crossing, 899 Elton Avenue, Bronx, NY	**Report Date**	3/25/2015 10:53:33 A

On 03/11/2015, 4 Sample(s), 1 Trip Blank(s) and 1 Field Blank(s) were received at Accutest Laboratories at temperatures of 3.6C/ 4.1C/ 3.7C. Samples were intact and chemically preserved, unless noted below. An Accutest Job Number of JB89708 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method SW846 8260C

Matrix: AQ **Batch ID:** VL7339

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB89870-10MS, JB89870-10MSD were used as the QC samples indicated. (BATCH)

Matrix: AQ **Batch ID:** VL7340

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB89708-3MS, JB89708-3MSD were used as the QC samples indicated.
- Matrix Spike Recovery(s) for 2-Hexanone, 4-Methyl-2-pentanone(MIBK), Acetone are outside control limits. Outside control limits due to matrix interference.
- Matrix Spike Duplicate Recovery(s) for 2-Hexanone, 4-Methyl-2-pentanone(MIBK) are outside control limits. Outside control limits due to matrix interference.

Extractables by GCMS By Method SW846 8270D

Matrix: AQ **Batch ID:** OP82372

- All samples were extracted within the recommended method holding time.
- Sample(s) JB89708-3MS, JB89708-3MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Recovery(s) for 3,3'-Dichlorobenzidine are outside control limits. Outside of in-house control limits due to matrix interference.
- Matrix Spike Duplicate Recovery(s) for 3,3'-Dichlorobenzidine are outside control limits. Outside of in-house control limits due to matrix interference.

Extractables by GC By Method SW846 8081B

Matrix: AQ	Batch ID: OP82325

- All samples were extracted within the recommended method holding time.
- Sample(s) JB89708-3MS, JB89708-3MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Recovery(s) for 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, beta-BHC, Endosulfan sulfate, Endosulfan-I, Endrin, Endrin aldehyde, Endrin ketone, gamma-Chlordane, Heptachlor, Methoxychlor are outside control limits. Outside control limits due to matrix interference.
- Matrix Spike Duplicate Recovery(s) for 4,4'-DDD are outside control limits. Outside control limits due to matrix interference.
- Matrix Spike Recovery(s) for delta-BHC are outside control limits. Matrix Spike Recovery(s) for 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, beta-BHC, Endosulfan sulfate, Endosulfan-I, Endrin, Endrin aldehyde, Endrin ketone, gamma-Chlordane, Heptachlor, Methoxychlor, delta-BHC are outside control limits.
- JB89708-1 for Decachlorobiphenyl: High percent recoveries and no positive found in the sample.
- OP82325-BS1 for delta-BHC: Reported from 1st signal. %D of check on 2nd signal exceed method criteria (20%) so using for confirmation only.
- OP82325-MS for Decachlorobiphenyl: Outside control limits due to matrix interference.
- OP82325-MSD for delta-BHC: Reported from 1st signal. %D of check on 2nd signal exceed method criteria (20%) so using for confirmation only.

Extractables by GC By Method SW846 8082A

Matrix: AQ	Batch ID: OP82386

- All samples were extracted within the recommended method holding time.
- Sample(s) JB89708-3MS, JB89708-3MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Metals By Method SW846 6010C

Matrix: AQ	Batch ID: MP85287

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB89708-3FMS, JB89708-3FMSD, JB89708-3FSDL, JB89708-3MS, JB89708-3MSD, JB89708-3SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Chromium, Silver, Vanadium, Chromium, Cobalt, Copper, Lead, Nickel, Zinc are outside control limits. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Metals By Method SW846 7470A

Matrix: AQ	Batch ID: MP85294

- All samples were digested within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB89708-3FMS, JB89708-3FMSD, JB89708-3MS, JB89708-3MSD were used as the QC samples for metals.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

Appendix C
Data Summary Form I's
With Qualifications

Accutest LabLink@841363 10:44 06-Mar-2015

Report of Analysis

Client Sample ID:	MW-3 (16.5-17)		
Lab Sample ID:	JB88569-1	Date Sampled:	02/18/15
Matrix:	SO - Soil	Date Received:	02/20/15
Method:	SW846 8260C	Percent Solids:	89.8
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	3C118228.D	1	03/02/15	PS	n/a	n/a	V3C5371
Run #2							

	Initial Weight
Run #1	1.0 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	32.6	56	8.2	ug/kg	~~J~~ J +
71-43-2	Benzene	ND	5.6	0.97	ug/kg	
74-97-5	Bromochloromethane	ND	28	1.3	ug/kg	
75-27-4	Bromodichloromethane	ND	28	1.3	ug/kg	
75-25-2	Bromoform	ND	28	0.59	ug/kg	
74-83-9	Bromomethane	ND	28	1.6	ug/kg	
78-93-3	2-Butanone (MEK)	~~ND~~ R	56	6.7	ug/kg	R
75-15-0	Carbon disulfide	15.3	28	1.3	ug/kg	J
56-23-5	Carbon tetrachloride	ND	28	0.79	ug/kg	
108-90-7	Chlorobenzene	ND	28	0.68	ug/kg	
75-00-3	Chloroethane	ND	28	1.3	ug/kg	
67-66-3	Chloroform	ND	28	0.57	ug/kg	
74-87-3	Chloromethane	ND	28	1.7	ug/kg	
110-82-7	Cyclohexane	ND	28	2.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	56	2.9	ug/kg	
124-48-1	Dibromochloromethane	ND	28	0.75	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.6	0.86	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	28	0.90	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	28	0.87	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	28	0.92	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	28	2.9	ug/kg	
75-34-3	1,1-Dichloroethane	ND	28	2.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.6	0.64	ug/kg	
75-35-4	1,1-Dichloroethene	ND	28	1.4	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	28	1.4	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	28	1.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	28	0.95	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	28	0.71	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	28	0.94	ug/kg	
100-41-4	Ethylbenzene	2.9	5.6	0.59	ug/kg	J
76-13-1	Freon 113	ND	28	1.6	ug/kg	
591-78-6	2-Hexanone	~~ND~~	28	3.1	ug/kg	R

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

4/11/15

Report of Analysis

Client Sample ID:	MW-3 (16.5-17)		
Lab Sample ID:	JB88569-1	Date Sampled:	02/18/15
Matrix:	SO - Soil	Date Received:	02/20/15
Method:	SW846 8260C	Percent Solids:	89.8
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	2.7	28	0.85	ug/kg	J
79-20-9	Methyl Acetate	ND	28	2.7	ug/kg	
108-87-2	Methylcyclohexane	1.1	28	0.76	ug/kg	J
1634-04-4	Methyl Tert Butyl Ether	ND	5.6	0.92	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	~~ND~~	28	1.8	ug/kg	R
75-09-2	Methylene chloride	ND	28	5.3	ug/kg	
100-42-5	Styrene	ND	28	0.78	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	28	0.81	ug/kg	
127-18-4	Tetrachloroethene	ND	28	1.1	ug/kg	
108-88-3	Toluene	1.0	5.6	0.83	ug/kg	J
87-61-6	1,2,3-Trichlorobenzene	ND	28	0.85	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	28	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	28	0.74	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	28	1.0	ug/kg	
79-01-6	Trichloroethene	ND	28	1.1	ug/kg	
75-69-4	Trichlorofluoromethane	ND	28	0.92	ug/kg	
75-01-4	Vinyl chloride	ND	28	0.79	ug/kg	
	m,p-Xylene	2.8	5.6	1.3	ug/kg	J
95-47-6	o-Xylene	4.7	5.6	0.79	ug/kg	J
1330-20-7	Xylene (total)	7.5	5.6	0.79	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	86%		70-122%
17060-07-0	1,2-Dichloroethane-D4	88%		68-124%
2037-26-5	Toluene-D8	101%		77-125%
460-00-4	4-Bromofluorobenzene	91%		72-130%

(a) Dilution required due to matrix interference.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Raw Data: 3C118090.D

Accutest LabLink@841363 10:44 06-Mar-2015

Report of Analysis

4.2

4

Client Sample ID:	SS-1		
Lab Sample ID:	JB88569-2	Date Sampled:	02/19/15
Matrix:	SO - Soil	Date Received:	02/20/15
Method:	SW846 8260C SW846 5035	Percent Solids:	79.8
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C118090.D	1	02/23/15	PS	02/21/15 08:20	n/a	V3C5362
Run #2							

	Initial Weight
Run #1	5.3 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	~~ND~~	12	1.7	ug/kg	R
71-43-2	Benzene	ND	1.2	0.21	ug/kg	
74-97-5	Bromochloromethane	ND	5.9	0.28	ug/kg	
75-27-4	Bromodichloromethane	~~ND~~	5.9	0.28	ug/kg	UJ
75-25-2	Bromoform	~~ND~~	5.9	0.13	ug/kg	UJ
74-83-9	Bromomethane	ND	5.9	0.34	ug/kg	
78-93-3	2-Butanone (MEK)	~~ND~~	12	1.4	ug/kg	R
75-15-0	Carbon disulfide	ND	5.9	0.28	ug/kg	
56-23-5	Carbon tetrachloride	~~ND~~	5.9	0.17	ug/kg	UJ
108-90-7	Chlorobenzene	ND	5.9	0.14	ug/kg	
75-00-3	Chloroethane	ND	5.9	0.28	ug/kg	
67-66-3	Chloroform	ND	5.9	0.12	ug/kg	
74-87-3	Chloromethane	ND	5.9	0.35	ug/kg	
110-82-7	Cyclohexane	ND	5.9	0.42	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	0.62	ug/kg	
124-48-1	Dibromochloromethane	~~ND~~	5.9	0.16	ug/kg	UJ
106-93-4	1,2-Dibromoethane	ND	1.2	0.18	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	5.9	0.19	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	5.9	0.18	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	5.9	0.20	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.9	0.62	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.9	0.42	ug/kg	
107-06-2	1,2-Dichloroethane	~~ND~~	1.2	0.14	ug/kg	UJ
75-35-4	1,1-Dichloroethene	ND	5.9	0.29	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	5.9	0.31	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	5.9	0.22	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.9	0.20	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.9	0.15	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.9	0.20	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.13	ug/kg	
76-13-1	Freon 113	ND	5.9	0.34	ug/kg	
591-78-6	2-Hexanone	~~ND~~	5.9	0.66	ug/kg	R

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

4/11/15

Report of Analysis

Client Sample ID:	SS-1		
Lab Sample ID:	JB88569-2	Date Sampled:	02/19/15
Matrix:	SO - Soil	Date Received:	02/20/15
Method:	SW846 8260C SW846 5035	Percent Solids:	79.8
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	5.9	0.18	ug/kg	
79-20-9	Methyl Acetate	ND	5.9	0.57	ug/kg	
108-87-2	Methylcyclohexane	ND	5.9	0.16	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.20	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	~~ND~~	5.9	0.38	ug/kg	R
75-09-2	Methylene chloride	ND	5.9	1.1	ug/kg	
100-42-5	Styrene	ND	5.9	0.17	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.9	0.17	ug/kg	
127-18-4	Tetrachloroethene	ND	5.9	0.23	ug/kg	
108-88-3	Toluene	ND	1.2	0.18	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.9	0.18	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.9	0.21	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.9	0.16	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.9	0.21	ug/kg	
79-01-6	Trichloroethene	ND	5.9	0.23	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.9	0.20	ug/kg	
75-01-4	Vinyl chloride	ND	5.9	0.17	ug/kg	
	m,p-Xylene	ND	1.2	0.27	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.17	ug/kg	
1330-20-7	Xylene (total)	ND	1.2	0.17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	91%		70-122%
17060-07-0	1,2-Dichloroethane-D4	106%		68-124%
2037-26-5	Toluene-D8	99%		77-125%
460-00-4	4-Bromofluorobenzene	94%		72-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-1 (0-2)		
Lab Sample ID:	JB88935-1	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8260C SW846 5035	Percent Solids:	70.6
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C118234.D	1	03/02/15	PS	02/27/15 09:00	n/a	V3C5371
Run #2							

	Initial Weight
Run #1	3.6 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	13.2	20	2.9	ug/kg	~~J~~ J+
71-43-2	Benzene	ND	2.0	0.34	ug/kg	
74-97-5	Bromochloromethane	ND	9.8	0.47	ug/kg	
75-27-4	Bromodichloromethane	ND	9.8	0.47	ug/kg	
75-25-2	Bromoform	ND	9.8	0.21	ug/kg	
74-83-9	Bromomethane	ND	9.8	0.57	ug/kg	
78-93-3	2-Butanone (MEK)	~~ND~~	20	2.4	ug/kg	R
75-15-0	Carbon disulfide	ND	9.8	0.47	ug/kg	
56-23-5	Carbon tetrachloride	ND	9.8	0.28	ug/kg	
108-90-7	Chlorobenzene	ND	9.8	0.24	ug/kg	
75-00-3	Chloroethane	ND	9.8	0.47	ug/kg	
67-66-3	Chloroform	ND	9.8	0.20	ug/kg	
74-87-3	Chloromethane	ND	9.8	0.59	ug/kg	
110-82-7	Cyclohexane	ND	9.8	0.69	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	20	1.0	ug/kg	
124-48-1	Dibromochloromethane	ND	9.8	0.27	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.0	0.30	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	9.8	0.32	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	9.8	0.31	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	9.8	0.32	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	9.8	1.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	9.8	0.70	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.0	0.23	ug/kg	
75-35-4	1,1-Dichloroethene	ND	9.8	0.48	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	9.8	0.51	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	9.8	0.37	ug/kg	
78-87-5	1,2-Dichloropropane	ND	9.8	0.34	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	9.8	0.25	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	9.8	0.33	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	0.21	ug/kg	
76-13-1	Freon 113	ND	9.8	0.56	ug/kg	
591-78-6	2-Hexanone	~~ND~~	9.8	1.1	ug/kg	R

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

4/12/15

Report of Analysis

Client Sample ID:	SSB-1 (0-2)		
Lab Sample ID:	JB88935-1	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8260C SW846 5035	Percent Solids:	70.6
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	9.8	0.30	ug/kg	
79-20-9	Methyl Acetate	ND	9.8	0.95	ug/kg	
108-87-2	Methylcyclohexane	ND	9.8	0.27	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.0	0.33	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	~~ND~~	9.8	0.63	ug/kg	R
75-09-2	Methylene chloride	ND	9.8	1.9	ug/kg	
100-42-5	Styrene	ND	9.8	0.28	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	9.8	0.29	ug/kg	
127-18-4	Tetrachloroethene	ND	9.8	0.38	ug/kg	
108-88-3	Toluene	ND	2.0	0.29	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	9.8	0.30	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	9.8	0.35	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	9.8	0.26	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	9.8	0.35	ug/kg	
79-01-6	Trichloroethene	ND	9.8	0.39	ug/kg	
75-69-4	Trichlorofluoromethane	ND	9.8	0.33	ug/kg	
75-01-4	Vinyl chloride	ND	9.8	0.28	ug/kg	
	m,p-Xylene	ND	2.0	0.44	ug/kg	
95-47-6	o-Xylene	ND	2.0	0.28	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	0.28	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	91%		70-122%
17060-07-0	1,2-Dichloroethane-D4	93%		68-124%
2037-26-5	Toluene-D8	99%		77-125%
460-00-4	4-Bromofluorobenzene	101%		72-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

4/12/15

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-1 (5-7)		
Lab Sample ID:	JB88935-2	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8260C SW846 5035	Percent Solids:	78.5
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C118235.D	1	03/02/15	PS	02/27/15 09:00	n/a	V3C5371
Run #2							

	Initial Weight
Run #1	3.4 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	34.4	19	2.8	ug/kg	J+
71-43-2	Benzene	ND	1.9	0.33	ug/kg	
74-97-5	Bromochloromethane	ND	9.4	0.45	ug/kg	
75-27-4	Bromodichloromethane	ND	9.4	0.45	ug/kg	
75-25-2	Bromoform	ND	9.4	0.20	ug/kg	
74-83-9	Bromomethane	ND	9.4	0.55	ug/kg	
78-93-3	2-Butanone (MEK)	~~ND~~	19	2.3	ug/kg	R
75-15-0	Carbon disulfide	ND	9.4	0.44	ug/kg	
56-23-5	Carbon tetrachloride	ND	9.4	0.27	ug/kg	
108-90-7	Chlorobenzene	ND	9.4	0.23	ug/kg	
75-00-3	Chloroethane	ND	9.4	0.45	ug/kg	
67-66-3	Chloroform	0.51	9.4	0.19	ug/kg	J
74-87-3	Chloromethane	ND	9.4	0.56	ug/kg	
110-82-7	Cyclohexane	ND	9.4	0.66	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	19	0.98	ug/kg	
124-48-1	Dibromochloromethane	ND	9.4	0.25	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.9	0.29	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	9.4	0.30	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	9.4	0.29	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	9.4	0.31	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	9.4	0.98	ug/kg	
75-34-3	1,1-Dichloroethane	ND	9.4	0.67	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.9	0.22	ug/kg	
75-35-4	1,1-Dichloroethene	ND	9.4	0.46	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	9.4	0.49	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	9.4	0.35	ug/kg	
78-87-5	1,2-Dichloropropane	ND	9.4	0.32	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	9.4	0.24	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	9.4	0.32	ug/kg	
100-41-4	Ethylbenzene	ND	1.9	0.20	ug/kg	
76-13-1	Freon 113	ND	9.4	0.54	ug/kg	
591-78-6	2-Hexanone	~~ND~~	9.4	1.0	ug/kg	R

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SSB-1 (5-7)		
Lab Sample ID:	JB88935-2	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8260C SW846 5035	Percent Solids:	78.5
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	9.4	0.29	ug/kg	
79-20-9	Methyl Acetate	ND	9.4	0.91	ug/kg	
108-87-2	Methylcyclohexane	ND	9.4	0.26	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.9	0.31	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	9.4	0.60	ug/kg	R
75-09-2	Methylene chloride	ND	9.4	1.8	ug/kg	
100-42-5	Styrene	ND	9.4	0.26	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	9.4	0.27	ug/kg	
127-18-4	Tetrachloroethene	0.93	9.4	0.37	ug/kg	J
108-88-3	Toluene	ND	1.9	0.28	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	9.4	0.28	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	9.4	0.34	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	9.4	0.25	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	9.4	0.34	ug/kg	
79-01-6	Trichloroethene	ND	9.4	0.37	ug/kg	
75-69-4	Trichlorofluoromethane	ND	9.4	0.31	ug/kg	
75-01-4	Vinyl chloride	ND	9.4	0.26	ug/kg	
	m,p-Xylene	ND	1.9	0.42	ug/kg	
95-47-6	o-Xylene	ND	1.9	0.26	ug/kg	
1330-20-7	Xylene (total)	ND	1.9	0.26	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	89%		70-122%
17060-07-0	1,2-Dichloroethane-D4	98%		68-124%
2037-26-5	Toluene-D8	96%		77-125%
460-00-4	4-Bromofluorobenzene	99%		72-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

3/12/15

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-1 (7-9)		
Lab Sample ID:	JB88935-3	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8260C SW846 5035	Percent Solids:	78.0
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C118255.D	1	03/03/15	PS	02/27/15 09:00	n/a	V3C5373
Run #2							

	Initial Weight
Run #1	5.5 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	9.3	12	1.7	ug/kg	~~J~~ J+
71-43-2	Benzene	ND	1.2	0.20	ug/kg	
74-97-5	Bromochloromethane	ND	5.8	0.28	ug/kg	
75-27-4	Bromodichloromethane	ND	5.8	0.28	ug/kg	
75-25-2	Bromoform	ND	5.8	0.12	ug/kg	
74-83-9	Bromomethane	ND	5.8	0.34	ug/kg	
78-93-3	2-Butanone (MEK)	~~ND~~	12	1.4	ug/kg	R
75-15-0	Carbon disulfide	ND	5.8	0.28	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.8	0.17	ug/kg	
108-90-7	Chlorobenzene	ND	5.8	0.14	ug/kg	
75-00-3	Chloroethane	ND	5.8	0.28	ug/kg	
67-66-3	Chloroform	ND	5.8	0.12	ug/kg	
74-87-3	Chloromethane	ND	5.8	0.35	ug/kg	
110-82-7	Cyclohexane	ND	5.8	0.41	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	0.61	ug/kg	
124-48-1	Dibromochloromethane	ND	5.8	0.16	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.18	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	5.8	0.19	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	5.8	0.18	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	5.8	0.19	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.8	0.61	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.8	0.42	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.13	ug/kg	
75-35-4	1,1-Dichloroethene	ND	5.8	0.29	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	5.8	0.30	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	5.8	0.22	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.8	0.20	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.8	0.15	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.8	0.20	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.12	ug/kg	
76-13-1	Freon 113	ND	5.8	0.33	ug/kg	
591-78-6	2-Hexanone	~~ND~~	5.8	0.65	ug/kg	R

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

4/12/15

Report of Analysis

Client Sample ID:	SSB-1 (7-9)		
Lab Sample ID:	JB88935-3	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8260C SW846 5035	Percent Solids:	78.0
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	5.8	0.18	ug/kg	
79-20-9	Methyl Acetate	ND	5.8	0.56	ug/kg	
108-87-2	Methylcyclohexane	ND	5.8	0.16	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.19	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	~~ND~~	5.8	0.37	ug/kg	R
75-09-2	Methylene chloride	ND	5.8	1.1	ug/kg	
100-42-5	Styrene	ND	5.8	0.16	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.8	0.17	ug/kg	
127-18-4	Tetrachloroethene	0.67	5.8	0.23	ug/kg	J
108-88-3	Toluene	ND	1.2	0.17	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.8	0.18	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.8	0.21	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.8	0.16	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.8	0.21	ug/kg	
79-01-6	Trichloroethene	ND	5.8	0.23	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.8	0.19	ug/kg	
75-01-4	Vinyl chloride	ND	5.8	0.16	ug/kg	
	m,p-Xylene	ND	1.2	0.26	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.16	ug/kg	
1330-20-7	Xylene (total)	ND	1.2	0.16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	89%		70-122%
17060-07-0	1,2-Dichloroethane-D4	95%		68-124%
2037-26-5	Toluene-D8	101%		77-125%
460-00-4	4-Bromofluorobenzene	98%		72-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

4/12/15

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-2 (0-2)		
Lab Sample ID:	JB88935-4	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8260C SW846 5035	Percent Solids:	91.5
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C118260.D	1	03/03/15	PS	02/27/15 09:00	n/a	V3C5373
Run #2							

	Initial Weight
Run #1	5.5 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	~~ND~~	9.9	1.5	ug/kg	R
71-43-2	Benzene	ND	0.99	0.17	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.24	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	0.24	ug/kg	
75-25-2	Bromoform	ND	5.0	0.11	ug/kg	
74-83-9	Bromomethane	ND	5.0	0.29	ug/kg	
78-93-3	2-Butanone (MEK)	~~ND~~	9.9	1.2	ug/kg	R
75-15-0	Carbon disulfide	ND	5.0	0.24	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	0.14	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	0.12	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.24	ug/kg	
67-66-3	Chloroform	ND	5.0	0.10	ug/kg	
74-87-3	Chloromethane	ND	5.0	0.30	ug/kg	
110-82-7	Cyclohexane	ND	5.0	0.35	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	9.9	0.52	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	0.13	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.99	0.15	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	5.0	0.16	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	5.0	0.15	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	5.0	0.16	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.52	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	0.36	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.99	0.11	ug/kg	
75-35-4	1,1-Dichloroethene	ND	5.0	0.24	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	5.0	0.26	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	5.0	0.19	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	0.17	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	0.13	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	0.17	ug/kg	
100-41-4	Ethylbenzene	ND	0.99	0.11	ug/kg	
76-13-1	Freon 113	ND	5.0	0.29	ug/kg	
591-78-6	2-Hexanone	~~ND~~	5.0	0.55	ug/kg	R

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

3/5/15

Report of Analysis

Client Sample ID:	SSB-2 (0-2)		
Lab Sample ID:	JB88935-4	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8260C SW846 5035	Percent Solids:	91.5
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	5.0	0.15	ug/kg	
79-20-9	Methyl Acetate	ND	5.0	0.48	ug/kg	
108-87-2	Methylcyclohexane	ND	5.0	0.14	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.99	0.16	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	0.32	ug/kg	R
75-09-2	Methylene chloride	ND	5.0	0.94	ug/kg	
100-42-5	Styrene	ND	5.0	0.14	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	0.15	ug/kg	
127-18-4	Tetrachloroethene	ND	5.0	0.19	ug/kg	
108-88-3	Toluene	ND	0.99	0.15	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.15	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.18	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	0.13	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.18	ug/kg	
79-01-6	Trichloroethene	ND	5.0	0.19	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.16	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	0.14	ug/kg	
	m,p-Xylene	ND	0.99	0.22	ug/kg	
95-47-6	o-Xylene	ND	0.99	0.14	ug/kg	
1330-20-7	Xylene (total)	ND	0.99	0.14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	90%		70-122%
17060-07-0	1,2-Dichloroethane-D4	103%		68-124%
2037-26-5	Toluene-D8	102%		77-125%
460-00-4	4-Bromofluorobenzene	95%		72-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-2 (5-7)		
Lab Sample ID:	JB88935-5	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8260C SW846 5035	Percent Solids:	92.0
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C118256.D	1	03/03/15	PS	02/27/15 09:00	n/a	V3C5373
Run #2							

	Initial Weight
Run #1	5.0 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	11	1.6	ug/kg	R
71-43-2	Benzene	ND	1.1	0.19	ug/kg	
74-97-5	Bromochloromethane	ND	5.4	0.26	ug/kg	
75-27-4	Bromodichloromethane	ND	5.4	0.26	ug/kg	
75-25-2	Bromoform	ND	5.4	0.12	ug/kg	
74-83-9	Bromomethane	ND	5.4	0.32	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	1.3	ug/kg	R
75-15-0	Carbon disulfide	ND	5.4	0.26	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.4	0.15	ug/kg	
108-90-7	Chlorobenzene	ND	5.4	0.13	ug/kg	
75-00-3	Chloroethane	ND	5.4	0.26	ug/kg	
67-66-3	Chloroform	ND	5.4	0.11	ug/kg	
74-87-3	Chloromethane	ND	5.4	0.33	ug/kg	
110-82-7	Cyclohexane	ND	5.4	0.38	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	11	0.57	ug/kg	
124-48-1	Dibromochloromethane	ND	5.4	0.15	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.17	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	5.4	0.18	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	5.4	0.17	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	5.4	0.18	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.4	0.57	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.4	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.13	ug/kg	
75-35-4	1,1-Dichloroethene	ND	5.4	0.27	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	5.4	0.28	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	5.4	0.20	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.4	0.19	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.4	0.14	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.4	0.18	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.12	ug/kg	
76-13-1	Freon 113	ND	5.4	0.31	ug/kg	
591-78-6	2-Hexanone	ND	5.4	0.61	ug/kg	R

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

4/12/15

Report of Analysis

Client Sample ID:	SSB-2 (5-7)		
Lab Sample ID:	JB88935-5	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8260C SW846 5035	Percent Solids:	92.0
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	5.4	0.17	ug/kg	
79-20-9	Methyl Acetate	ND	5.4	0.53	ug/kg	
108-87-2	Methylcyclohexane	ND	5.4	0.15	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.18	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	~~ND~~	5.4	0.35	ug/kg	R
75-09-2	Methylene chloride	ND	5.4	1.0	ug/kg	
100-42-5	Styrene	ND	5.4	0.15	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.4	0.16	ug/kg	
127-18-4	Tetrachloroethene	ND	5.4	0.21	ug/kg	
108-88-3	Toluene	ND	1.1	0.16	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.4	0.17	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.4	0.20	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.4	0.14	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.4	0.19	ug/kg	
79-01-6	Trichloroethene	ND	5.4	0.21	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.4	0.18	ug/kg	
75-01-4	Vinyl chloride	ND	5.4	0.15	ug/kg	
	m,p-Xylene	ND	1.1	0.25	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.15	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	87%		70-122%
17060-07-0	1,2-Dichloroethane-D4	96%		68-124%
2037-26-5	Toluene-D8	101%		77-125%
460-00-4	4-Bromofluorobenzene	97%		72-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

4/2/15

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-2 (8-10)		
Lab Sample ID:	JB88935-6	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8260C SW846 5035	Percent Solids:	91.5
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C118261.D	1	03/03/15	PS	02/27/15 09:00	n/a	V3C5373
Run #2							

	Initial Weight
Run #1	5.0 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	23.9	11	1.6	ug/kg	J+
71-43-2	Benzene	ND	1.1	0.19	ug/kg	
74-97-5	Bromochloromethane	ND	5.5	0.26	ug/kg	
75-27-4	Bromodichloromethane	ND	5.5	0.26	ug/kg	
75-25-2	Bromoform	ND	5.5	0.12	ug/kg	
74-83-9	Bromomethane	ND	5.5	0.32	ug/kg	
78-93-3	2-Butanone (MEK)	~~ND~~	11	1.3	ug/kg	R
75-15-0	Carbon disulfide	ND	5.5	0.26	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.5	0.16	ug/kg	
108-90-7	Chlorobenzene	ND	5.5	0.13	ug/kg	
75-00-3	Chloroethane	ND	5.5	0.26	ug/kg	
67-66-3	Chloroform	0.45	5.5	0.11	ug/kg	J
74-87-3	Chloromethane	ND	5.5	0.33	ug/kg	
110-82-7	Cyclohexane	ND	5.5	0.39	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	11	0.57	ug/kg	
124-48-1	Dibromochloromethane	ND	5.5	0.15	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.17	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	5.5	0.18	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	5.5	0.17	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	5.5	0.18	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.5	0.57	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.5	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.13	ug/kg	
75-35-4	1,1-Dichloroethene	ND	5.5	0.27	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	5.5	0.28	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	5.5	0.21	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.5	0.19	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.5	0.14	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.5	0.18	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.12	ug/kg	
76-13-1	Freon 113	ND	5.5	0.31	ug/kg	
591-78-6	2-Hexanone	~~ND~~	5.5	0.61	ug/kg	R

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

4/12/15

Report of Analysis

Client Sample ID:	SSB-2 (8-10)		
Lab Sample ID:	JB88935-6	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8260C SW846 5035	Percent Solids:	91.5
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	5.5	0.17	ug/kg	
79-20-9	Methyl Acetate	ND	5.5	0.53	ug/kg	
108-87-2	Methylcyclohexane	ND	5.5	0.15	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.18	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.5	0.35	ug/kg	R
75-09-2	Methylene chloride	ND	5.5	1.0	ug/kg	
100-42-5	Styrene	ND	5.5	0.15	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.5	0.16	ug/kg	
127-18-4	Tetrachloroethene	ND	5.5	0.21	ug/kg	
108-88-3	Toluene	0.23	1.1	0.16	ug/kg	J
87-61-6	1,2,3-Trichlorobenzene	ND	5.5	0.17	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.5	0.20	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.5	0.15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.5	0.20	ug/kg	
79-01-6	Trichloroethene	ND	5.5	0.21	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.5	0.18	ug/kg	
75-01-4	Vinyl chloride	ND	5.5	0.15	ug/kg	
	m,p-Xylene	ND	1.1	0.25	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.15	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	85%		70-122%
17060-07-0	1,2-Dichloroethane-D4	103%		68-124%
2037-26-5	Toluene-D8	105%		77-125%
460-00-4	4-Bromofluorobenzene	95%		72-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

3-4-15

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-X (SSB-2 0-2)		
Lab Sample ID:	JB88935-7	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8260C SW846 5035	Percent Solids:	90.8
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C118257.D	1	03/03/15	PS	02/27/15 09:00	n/a	V3C5373
Run #2							

	Initial Weight
Run #1	5.0 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	~~ND~~	11	1.6	ug/kg	R
71-43-2	Benzene	ND	1.1	0.19	ug/kg	
74-97-5	Bromochloromethane	ND	5.5	0.27	ug/kg	
75-27-4	Bromodichloromethane	ND	5.5	0.27	ug/kg	
75-25-2	Bromoform	ND	5.5	0.12	ug/kg	
74-83-9	Bromomethane	ND	5.5	0.32	ug/kg	
78-93-3	2-Butanone (MEK)	~~ND~~	11	1.3	ug/kg	R
75-15-0	Carbon disulfide	ND	5.5	0.26	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.5	0.16	ug/kg	
108-90-7	Chlorobenzene	ND	5.5	0.13	ug/kg	
75-00-3	Chloroethane	ND	5.5	0.26	ug/kg	
67-66-3	Chloroform	ND	5.5	0.11	ug/kg	
74-87-3	Chloromethane	ND	5.5	0.33	ug/kg	
110-82-7	Cyclohexane	ND	5.5	0.39	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	11	0.57	ug/kg	
124-48-1	Dibromochloromethane	ND	5.5	0.15	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.17	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	5.5	0.18	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	5.5	0.17	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	5.5	0.18	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.5	0.57	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.5	0.39	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.13	ug/kg	
75-35-4	1,1-Dichloroethene	ND	5.5	0.27	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	5.5	0.29	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	5.5	0.21	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.5	0.19	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.5	0.14	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.5	0.19	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.12	ug/kg	
76-13-1	Freon 113	ND	5.5	0.32	ug/kg	
591-78-6	2-Hexanone	~~ND~~	5.5	0.61	ug/kg	R

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SSB-X SSB-2 (0-2)		
Lab Sample ID:	JB88935-7	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8260C SW846 5035	Percent Solids:	90.8
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	5.5	0.17	ug/kg	
79-20-9	Methyl Acetate	ND	5.5	0.53	ug/kg	
108-87-2	Methylcyclohexane	ND	5.5	0.15	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.18	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	~~ND~~	5.5	0.35	ug/kg	R
75-09-2	Methylene chloride	ND	5.5	1.0	ug/kg	
100-42-5	Styrene	ND	5.5	0.15	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.5	0.16	ug/kg	
127-18-4	Tetrachloroethene	ND	5.5	0.21	ug/kg	
108-88-3	Toluene	ND	1.1	0.16	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.5	0.17	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.5	0.20	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.5	0.15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.5	0.20	ug/kg	
79-01-6	Trichloroethene	ND	5.5	0.22	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.5	0.18	ug/kg	
75-01-4	Vinyl chloride	ND	5.5	0.16	ug/kg	
	m,p-Xylene	ND	1.1	0.25	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.16	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	87%		70-122%
17060-07-0	1,2-Dichloroethane-D4	99%		68-124%
2037-26-5	Toluene-D8	105%		77-125%
460-00-4	4-Bromofluorobenzene	94%		72-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

for 4/27/15

Raw Data: 3C118222.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-3 (0-2)		
Lab Sample ID:	JB88935-8	Date Sampled:	02/26/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8260C SW846 5035	Percent Solids:	88.3
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C118222.D	1	03/02/15	PS	02/27/15 09:00	n/a	V3C5371
Run #2							

	Initial Weight
Run #1	4.7 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	~~ND~~	12	1.8	ug/kg	R
71-43-2	Benzene	ND	1.2	0.21	ug/kg	
74-97-5	Bromochloromethane	ND	6.0	0.29	ug/kg	
75-27-4	Bromodichloromethane	ND	6.0	0.29	ug/kg	
75-25-2	Bromoform	ND	6.0	0.13	ug/kg	
74-83-9	Bromomethane	ND	6.0	0.35	ug/kg	
78-93-3	2-Butanone (MEK)	~~ND~~	12	1.5	ug/kg	R
75-15-0	Carbon disulfide	ND	6.0	0.29	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.0	0.17	ug/kg	
108-90-7	Chlorobenzene	ND	6.0	0.15	ug/kg	
75-00-3	Chloroethane	ND	6.0	0.29	ug/kg	
67-66-3	Chloroform	ND	6.0	0.12	ug/kg	
74-87-3	Chloromethane	ND	6.0	0.36	ug/kg	
110-82-7	Cyclohexane	ND	6.0	0.43	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	12	0.63	ug/kg	
124-48-1	Dibromochloromethane	ND	6.0	0.16	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.19	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	6.0	0.19	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	6.0	0.19	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	6.0	0.20	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.0	0.63	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.0	0.43	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.14	ug/kg	
75-35-4	1,1-Dichloroethene	ND	6.0	0.30	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	6.0	0.31	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	6.0	0.23	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.0	0.21	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.0	0.15	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.0	0.20	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.13	ug/kg	
76-13-1	Freon 113	ND	6.0	0.35	ug/kg	
591-78-6	2-Hexanone	~~ND~~	6.0	0.67	ug/kg	R

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

3/12/15

Report of Analysis

Client Sample ID:	SSB-3 (0-2)		
Lab Sample ID:	JB88935-8	Date Sampled:	02/26/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8260C SW846 5035	Percent Solids:	88.3
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	6.0	0.18	ug/kg	
79-20-9	Methyl Acetate	ND	6.0	0.58	ug/kg	
108-87-2	Methylcyclohexane	ND	6.0	0.17	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.20	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	~~ND~~	6.0	0.39	ug/kg	R
75-09-2	Methylene chloride	ND	6.0	1.1	ug/kg	
100-42-5	Styrene	ND	6.0	0.17	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.0	0.18	ug/kg	
127-18-4	Tetrachloroethene	ND	6.0	0.23	ug/kg	
108-88-3	Toluene	ND	1.2	0.18	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.0	0.18	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.0	0.22	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.0	0.16	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.0	0.22	ug/kg	
79-01-6	Trichloroethene	ND	6.0	0.24	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.0	0.20	ug/kg	
75-01-4	Vinyl chloride	ND	6.0	0.17	ug/kg	
	m,p-Xylene	0.50	1.2	0.27	ug/kg	J
95-47-6	o-Xylene	0.33	1.2	0.17	ug/kg	J
1330-20-7	Xylene (total)	0.83	1.2	0.17	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	91%		70-122%
17060-07-0	1,2-Dichloroethane-D4	102%		68-124%
2037-26-5	Toluene-D8	99%		77-125%
460-00-4	4-Bromofluorobenzene	90%		72-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

4/12/15

Raw Data: 3C118258.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-3 (5-7)		
Lab Sample ID:	JB88935-9	Date Sampled:	02/26/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8260C SW846 5035	Percent Solids:	87.6
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C118258.D	1	03/03/15	PS	02/27/15 09:00	n/a	V3C5373
Run #2							

	Initial Weight
Run #1	6.1 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	~~ND~~	9.4	1.4	ug/kg	R
71-43-2	Benzene	ND	0.94	0.16	ug/kg	
74-97-5	Bromochloromethane	ND	4.7	0.23	ug/kg	
75-27-4	Bromodichloromethane	ND	4.7	0.23	ug/kg	
75-25-2	Bromoform	ND	4.7	0.099	ug/kg	
74-83-9	Bromomethane	ND	4.7	0.27	ug/kg	
78-93-3	2-Butanone (MEK)	~~ND~~	9.4	1.1	ug/kg	R
75-15-0	Carbon disulfide	ND	4.7	0.22	ug/kg	
56-23-5	Carbon tetrachloride	ND	4.7	0.13	ug/kg	
108-90-7	Chlorobenzene	ND	4.7	0.11	ug/kg	
75-00-3	Chloroethane	ND	4.7	0.22	ug/kg	
67-66-3	Chloroform	ND	4.7	0.096	ug/kg	
74-87-3	Chloromethane	ND	4.7	0.28	ug/kg	
110-82-7	Cyclohexane	ND	4.7	0.33	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	9.4	0.49	ug/kg	
124-48-1	Dibromochloromethane	ND	4.7	0.13	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.94	0.15	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	4.7	0.15	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	4.7	0.15	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	4.7	0.15	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.7	0.49	ug/kg	
75-34-3	1,1-Dichloroethane	ND	4.7	0.33	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.94	0.11	ug/kg	
75-35-4	1,1-Dichloroethene	ND	4.7	0.23	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	4.7	0.24	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	4.7	0.18	ug/kg	
78-87-5	1,2-Dichloropropane	ND	4.7	0.16	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	4.7	0.12	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	4.7	0.16	ug/kg	
100-41-4	Ethylbenzene	ND	0.94	0.099	ug/kg	
76-13-1	Freon 113	ND	4.7	0.27	ug/kg	
591-78-6	2-Hexanone	~~ND~~	4.7	0.52	ug/kg	R

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SSB-3 (5-7)		
Lab Sample ID:	JB88935-9	Date Sampled:	02/26/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8260C SW846 5035	Percent Solids:	87.6
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	0.49	4.7	0.14	ug/kg	J
79-20-9	Methyl Acetate	ND	4.7	0.45	ug/kg	
108-87-2	Methylcyclohexane	ND	4.7	0.13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.94	0.16	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	~~ND~~	4.7	0.30	ug/kg	R
75-09-2	Methylene chloride	ND	4.7	0.89	ug/kg	
100-42-5	Styrene	ND	4.7	0.13	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.7	0.14	ug/kg	
127-18-4	Tetrachloroethene	ND	4.7	0.18	ug/kg	
108-88-3	Toluene	ND	0.94	0.14	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.7	0.14	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.7	0.17	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	4.7	0.12	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	4.7	0.17	ug/kg	
79-01-6	Trichloroethene	ND	4.7	0.18	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.7	0.16	ug/kg	
75-01-4	Vinyl chloride	ND	4.7	0.13	ug/kg	
	m,p-Xylene	0.27	0.94	0.21	ug/kg	J
95-47-6	o-Xylene	ND	0.94	0.13	ug/kg	
1330-20-7	Xylene (total)	0.27	0.94	0.13	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	91%		70-122%
17060-07-0	1,2-Dichloroethane-D4	100%		68-124%
2037-26-5	Toluene-D8	99%		77-125%
460-00-4	4-Bromofluorobenzene	92%		72-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Raw Data: 3C118259.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-3 (7.5-9.5)		
Lab Sample ID:	JB88935-10	Date Sampled:	02/26/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8260C SW846 5035	Percent Solids:	89.2
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C118259.D	1	03/03/15	PS	02/27/15 09:00	n/a	V3C5373
Run #2							

	Initial Weight
Run #1	5.6 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	~~ND~~	10	1.5	ug/kg	R
71-43-2	Benzene	ND	1.0	0.17	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.24	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	0.24	ug/kg	
75-25-2	Bromoform	ND	5.0	0.11	ug/kg	
74-83-9	Bromomethane	ND	5.0	0.29	ug/kg	
78-93-3	2-Butanone (MEK)	~~ND~~	10	1.2	ug/kg	R
75-15-0	Carbon disulfide	ND	5.0	0.24	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	0.14	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	0.12	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.24	ug/kg	
67-66-3	Chloroform	ND	5.0	0.10	ug/kg	
74-87-3	Chloromethane	ND	5.0	0.30	ug/kg	
110-82-7	Cyclohexane	ND	5.0	0.35	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	0.52	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	0.14	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.16	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	5.0	0.16	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	5.0	0.16	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	5.0	0.17	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.52	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	0.36	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.12	ug/kg	
75-35-4	1,1-Dichloroethene	ND	5.0	0.25	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	5.0	0.26	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	5.0	0.19	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	0.17	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	0.13	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	0.17	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.11	ug/kg	
76-13-1	Freon 113	ND	5.0	0.29	ug/kg	
591-78-6	2-Hexanone	~~ND~~	5.0	0.56	ug/kg	R

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

4/12/15

Report of Analysis

Client Sample ID:	SSB-3 (7.5-9.5)		
Lab Sample ID:	JB88935-10	Date Sampled:	02/26/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8260C SW846 5035	Percent Solids:	89.2
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	5.0	0.15	ug/kg	
79-20-9	Methyl Acetate	ND	5.0	0.48	ug/kg	
108-87-2	Methylcyclohexane	ND	5.0	0.14	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.17	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	~~ND~~	5.0	0.32	ug/kg	R
75-09-2	Methylene chloride	ND	5.0	0.95	ug/kg	
100-42-5	Styrene	ND	5.0	0.14	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	0.15	ug/kg	
127-18-4	Tetrachloroethene	ND	5.0	0.20	ug/kg	
108-88-3	Toluene	ND	1.0	0.15	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.15	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.18	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	0.13	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.18	ug/kg	
79-01-6	Trichloroethene	ND	5.0	0.20	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.17	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	0.14	ug/kg	
	m,p-Xylene	ND	1.0	0.23	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.14	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	88%		70-122%
17060-07-0	1,2-Dichloroethane-D4	100%		68-124%
2037-26-5	Toluene-D8	107%		77-125%
460-00-4	4-Bromofluorobenzene	96%		72-130%

JBT 4/2/15

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	TB20150226		
Lab Sample ID:	JB88935-11	Date Sampled:	02/26/15
Matrix:	AQ - Trip Blank Soil	Date Received:	02/26/15
Method:	SW846 8260C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B128056.D	1	03/04/15	BK	n/a	n/a	V2B5771
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	~~ND~~	10	2.7	ug/l	R
71-43-2	Benzene	ND	1.0	0.21	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.49	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.19	ug/l	
75-25-2	Bromoform	ND	4.0	0.31	ug/l	
74-83-9	Bromomethane	ND	2.0	0.39	ug/l	
78-93-3	2-Butanone (MEK)	~~ND~~	10	2.3	ug/l	R
75-15-0	Carbon disulfide	ND	2.0	0.17	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	~~ND~~	1.0	0.65	ug/l	UJ
67-66-3	Chloroform	ND	1.0	0.20	ug/l	
74-87-3	Chloromethane	~~ND~~	1.0	0.24	ug/l	UJ
110-82-7	Cyclohexane	ND	5.0	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.22	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.16	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.24	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.35	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.30	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.33	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.18	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.32	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.31	ug/l	
76-13-1	Freon 113	ND	5.0	0.50	ug/l	
591-78-6	2-Hexanone	~~ND~~	5.0	2.3	ug/l	R

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

4/11/15

Report of Analysis

Client Sample ID:	TB20150226		
Lab Sample ID:	JB88935-11	Date Sampled:	02/26/15
Matrix:	AQ - Trip Blank Soil	Date Received:	02/26/15
Method:	SW846 8260C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.22	ug/l	
79-20-9	Methyl Acetate	ND	5.0	1.4	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.22	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.19	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	~~ND~~	5.0	1.2	ug/l	R
75-09-2	Methylene chloride	ND	2.0	0.89	ug/l	
100-42-5	Styrene	ND	5.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.35	ug/l	
108-88-3	Toluene	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.27	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.22	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.32	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.36	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.25	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.47	ug/l	
75-01-4	Vinyl chloride	~~ND~~	1.0	0.16	ug/l	UJ
	m,p-Xylene	ND	1.0	0.35	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		76-120%
17060-07-0	1,2-Dichloroethane-D4	96%		73-122%
2037-26-5	Toluene-D8	99%		84-119%
460-00-4	4-Bromofluorobenzene	101%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

fo 4/1/15

Accutest Laboratories

Report of Analysis

Client Sample ID:	FB20150226		
Lab Sample ID:	JB88935-12	Date Sampled:	02/26/15
Matrix:	AQ - Field Blank Soil	Date Received:	02/26/15
Method:	SW846 8260C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B128057.D	1	03/04/15	BK	n/a	n/a	V2B5771
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	~~ND~~	10	2.7	ug/l	R
71-43-2	Benzene	ND	1.0	0.21	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.49	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.19	ug/l	
75-25-2	Bromoform	ND	4.0	0.31	ug/l	
74-83-9	Bromomethane	ND	2.0	0.39	ug/l	
78-93-3	2-Butanone (MEK)	~~ND~~	10	2.3	ug/l	R
75-15-0	Carbon disulfide	ND	2.0	0.17	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	~~ND~~	1.0	0.65	ug/l	UJ
67-66-3	Chloroform	ND	1.0	0.20	ug/l	
74-87-3	Chloromethane	~~ND~~	1.0	0.24	ug/l	UJ
110-82-7	Cyclohexane	ND	5.0	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.22	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.16	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.24	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.35	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.30	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.33	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.18	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.32	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.31	ug/l	
76-13-1	Freon 113	ND	5.0	0.50	ug/l	
591-78-6	2-Hexanone	~~ND~~	5.0	2.3	ug/l	R

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

3/4/15

Report of Analysis

Client Sample ID:	FB20150226		
Lab Sample ID:	JB88935-12	Date Sampled:	02/26/15
Matrix:	AQ - Field Blank Soil	Date Received:	02/26/15
Method:	SW846 8260C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.22	ug/l	
79-20-9	Methyl Acetate	ND	5.0	1.4	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.22	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.19	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	R
75-09-2	Methylene chloride	ND	2.0	0.89	ug/l	
100-42-5	Styrene	ND	5.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.35	ug/l	
108-88-3	Toluene	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.27	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.22	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.32	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.36	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.25	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.47	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.16	ug/l	UJ
	m,p-Xylene	ND	1.0	0.35	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		76-120%
17060-07-0	1,2-Dichloroethane-D4	96%		73-122%
2037-26-5	Toluene-D8	100%		84-119%
460-00-4	4-Bromofluorobenzene	101%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	JB89708-1	Date Sampled:	03/11/15
Matrix:	AQ - Ground Water	Date Received:	03/11/15
Method:	SW846 8260C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L270715.D	1	03/18/15	VC	n/a	n/a	VL7340
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	7.6	10	2.7	ug/l	J
71-43-2	Benzene	ND	1.0	0.21	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.49	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.19	ug/l	
75-25-2	Bromoform	ND	4.0	0.31	ug/l	
74-83-9	Bromomethane	ND	2.0	0.39	ug/l	
78-93-3	2-Butanone (MEK)	~~ND~~	10	2.3	ug/l	R
75-15-0	Carbon disulfide	ND	2.0	0.17	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.65	ug/l	
67-66-3	Chloroform	~~0.44~~ ND	1.0	0.20	ug/l	~~J~~
74-87-3	Chloromethane	ND	1.0	0.24	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.22	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.16	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.24	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.35	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.30	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.33	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.18	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.32	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.31	ug/l	
76-13-1	Freon 113	ND	5.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

4/13/15

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	JB89708-1	Date Sampled:	03/11/15
Matrix:	AQ - Ground Water	Date Received:	03/11/15
Method:	SW846 8260C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.22	ug/l	
79-20-9	Methyl Acetate	ND	5.0	1.4	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.22	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.19	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.89	ug/l	
100-42-5	Styrene	ND	5.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	0.99	1.0	0.35	ug/l	J
108-88-3	Toluene	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.27	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.22	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.32	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.36	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.25	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.47	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.16	ug/l	
	m,p-Xylene	ND	1.0	0.35	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	90%		76-120%
17060-07-0	1,2-Dichloroethane-D4	84%		73-122%
2037-26-5	Toluene-D8	89%		84-119%
460-00-4	4-Bromofluorobenzene	87%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JB89708-2	Date Sampled:	03/11/15
Matrix:	AQ - Ground Water	Date Received:	03/11/15
Method:	SW846 8260C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L270716.D	1	03/18/15	VC	n/a	n/a	VL7340
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	16.0	10	2.7	ug/l	
71-43-2	Benzene	ND	1.0	0.21	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.49	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.19	ug/l	
75-25-2	Bromoform	ND	4.0	0.31	ug/l	
74-83-9	Bromomethane	ND	2.0	0.39	ug/l	
78-93-3	2-Butanone (MEK)	~~ND~~	10	2.3	ug/l	R
75-15-0	Carbon disulfide	ND	2.0	0.17	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.65	ug/l	
67-66-3	Chloroform	~~1.7~~ ND	1.0	0.20	ug/l	
74-87-3	Chloromethane	ND	1.0	0.24	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.22	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.16	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.24	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.35	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.30	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.33	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.18	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.32	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.31	ug/l	
76-13-1	Freon 113	ND	5.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

3/13/15

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JB89708-2	Date Sampled:	03/11/15
Matrix:	AQ - Ground Water	Date Received:	03/11/15
Method:	SW846 8260C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.22	ug/l	
79-20-9	Methyl Acetate	ND	5.0	1.4	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.22	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.19	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.89	ug/l	
100-42-5	Styrene	ND	5.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.35	ug/l	
108-88-3	Toluene	0.48	1.0	0.22	ug/l	J
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.27	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.22	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.32	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.36	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.25	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.47	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.16	ug/l	
	m,p-Xylene	ND	1.0	0.35	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	91%		76-120%
17060-07-0	1,2-Dichloroethane-D4	85%		73-122%
2037-26-5	Toluene-D8	91%		84-119%
460-00-4	4-Bromofluorobenzene	86%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Raw Data: L270717.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	JB89708-3	Date Sampled:	03/11/15
Matrix:	AQ - Ground Water	Date Received:	03/11/15
Method:	SW846 8260C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L270717.D	1	03/18/15	VC	n/a	n/a	VL7340
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	32.5	10	2.7	ug/l	J+
71-43-2	Benzene	ND	1.0	0.21	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.49	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.19	ug/l	
75-25-2	Bromoform	ND	4.0	0.31	ug/l	
74-83-9	Bromomethane	ND	2.0	0.39	ug/l	
78-93-3	2-Butanone (MEK)	~~ND~~	10	2.3	ug/l	R
75-15-0	Carbon disulfide	ND	2.0	0.17	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.65	ug/l	
67-66-3	Chloroform	9.5	1.0	0.20	ug/l	
74-87-3	Chloromethane	ND	1.0	0.24	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.22	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.16	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.24	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.35	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.30	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.33	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.18	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.32	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.31	ug/l	
76-13-1	Freon 113	ND	5.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	JB89708-3	Date Sampled:	03/11/15
Matrix:	AQ - Ground Water	Date Received:	03/11/15
Method:	SW846 8260C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.22	ug/l	
79-20-9	Methyl Acetate	ND	5.0	1.4	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.22	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.19	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.89	ug/l	
100-42-5	Styrene	ND	5.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.35	ug/l	
108-88-3	Toluene	0.56	1.0	0.22	ug/l	J
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.27	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.22	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.32	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.36	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.25	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.47	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.16	ug/l	
	m,p-Xylene	ND	1.0	0.35	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	90%		76-120%
17060-07-0	1,2-Dichloroethane-D4	85%		73-122%
2037-26-5	Toluene-D8	91%		84-119%
460-00-4	4-Bromofluorobenzene	86%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-X (MW-2)		
Lab Sample ID:	JB89708-4	Date Sampled:	03/11/15
Matrix:	AQ - Ground Water	Date Received:	03/11/15
Method:	SW846 8260C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L270718.D	1	03/18/15	VC	n/a	n/a	VL7340
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	16.7	10	2.7	ug/l	
71-43-2	Benzene	ND	1.0	0.21	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.49	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.19	ug/l	
75-25-2	Bromoform	ND	4.0	0.31	ug/l	
74-83-9	Bromomethane	ND	2.0	0.39	ug/l	
78-93-3	2-Butanone (MEK)	~~ND~~	10	2.3	ug/l	R
75-15-0	Carbon disulfide	ND	2.0	0.17	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.65	ug/l	
67-66-3	Chloroform	~~1.7~~ ND	1.0	0.20	ug/l	
74-87-3	Chloromethane	ND	1.0	0.24	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.22	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.16	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.24	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.35	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.30	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.33	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.18	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.32	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.31	ug/l	
76-13-1	Freon 113	ND	5.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

4/13/15

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-X (MW-2)		
Lab Sample ID:	JB89708-4	Date Sampled:	03/11/15
Matrix:	AQ - Ground Water	Date Received:	03/11/15
Method:	SW846 8260C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.22	ug/l	
79-20-9	Methyl Acetate	ND	5.0	1.4	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.22	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.19	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.89	ug/l	
100-42-5	Styrene	ND	5.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.35	ug/l	
108-88-3	Toluene	0.43	1.0	0.22	ug/l	J
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.27	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.22	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.32	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.36	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.25	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.47	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.16	ug/l	
	m,p-Xylene	ND	1.0	0.35	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	90%		76-120%
17060-07-0	1,2-Dichloroethane-D4	85%		73-122%
2037-26-5	Toluene-D8	91%		84-119%
460-00-4	4-Bromofluorobenzene	86%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

4/13/15

Raw Data: L270688.D

Accutest Laboratories

Report of Analysis

4.9
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Client Sample ID:	TB20150311		
Lab Sample ID:	JB89708-5	Date Sampled:	03/11/15
Matrix:	AQ - Trip Blank Water	Date Received:	03/11/15
Method:	SW846 8260C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L270688.D	1	03/17/15	VC	n/a	n/a	VL7339
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	~~ND~~	10	2.7	ug/l	UJ
71-43-2	Benzene	ND	1.0	0.21	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.49	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.19	ug/l	
75-25-2	Bromoform	ND	4.0	0.31	ug/l	
74-83-9	Bromomethane	ND	2.0	0.39	ug/l	
78-93-3	2-Butanone (MEK)	~~ND~~	10	2.3	ug/l	R
75-15-0	Carbon disulfide	ND	2.0	0.17	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.65	ug/l	
67-66-3	Chloroform	ND	1.0	0.20	ug/l	
74-87-3	Chloromethane	ND	1.0	0.24	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.22	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.16	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.24	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.35	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.30	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.33	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.18	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.32	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.31	ug/l	
76-13-1	Freon 113	ND	5.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

4/3/15

Report of Analysis

Client Sample ID:	TB20150311		
Lab Sample ID:	JB89708-5	Date Sampled:	03/11/15
Matrix:	AQ - Trip Blank Water	Date Received:	03/11/15
Method:	SW846 8260C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.22	ug/l	
79-20-9	Methyl Acetate	ND	5.0	1.4	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.22	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.19	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.89	ug/l	
100-42-5	Styrene	ND	5.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.35	ug/l	
108-88-3	Toluene	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.27	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.22	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.32	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.36	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.25	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.47	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.16	ug/l	
	m,p-Xylene	ND	1.0	0.35	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	89%		76-120%
17060-07-0	1,2-Dichloroethane-D4	84%		73-122%
2037-26-5	Toluene-D8	89%		84-119%
460-00-4	4-Bromofluorobenzene	87%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	FB20150311		
Lab Sample ID:	JB89708-6	Date Sampled:	03/11/15
Matrix:	AQ - Field Blank Water	Date Received:	03/11/15
Method:	SW846 8260C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L270679.D	1	03/17/15	VC	n/a	n/a	VL7339
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	~~ND~~	10	2.7	ug/l	UJ
71-43-2	Benzene	ND	1.0	0.21	ug/l	
74-97-5	Bromochloromethane	ND	5.0	0.49	ug/l	
75-27-4	Bromodichloromethane	0.48	1.0	0.19	ug/l	J
75-25-2	Bromoform	ND	4.0	0.31	ug/l	
74-83-9	Bromomethane	ND	2.0	0.39	ug/l	
78-93-3	2-Butanone (MEK)	~~ND~~	10	2.3	ug/l	R
75-15-0	Carbon disulfide	ND	2.0	0.17	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.22	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.19	ug/l	
75-00-3	Chloroethane	ND	1.0	0.65	ug/l	
67-66-3	Chloroform	1.6	1.0	0.20	ug/l	
74-87-3	Chloromethane	ND	1.0	0.24	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	1.2	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.22	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.16	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.24	ug/l	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.31	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.35	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.30	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.33	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.18	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.32	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.31	ug/l	
76-13-1	Freon 113	ND	5.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

fdm 4/13/15

Report of Analysis

Client Sample ID:	FB20150311		
Lab Sample ID:	JB89708-6	Date Sampled:	03/11/15
Matrix:	AQ - Field Blank Water	Date Received:	03/11/15
Method:	SW846 8260C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.0	0.22	ug/l	
79-20-9	Methyl Acetate	ND	5.0	1.4	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.22	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.19	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.2	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.89	ug/l	
100-42-5	Styrene	ND	5.0	0.19	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.39	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.35	ug/l	
108-88-3	Toluene	ND	1.0	0.22	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.27	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.22	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.32	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.36	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.25	ug/l	
75-69-4	Trichlorofluoromethane	ND	5.0	0.47	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.16	ug/l	
	m,p-Xylene	ND	1.0	0.35	ug/l	
95-47-6	o-Xylene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	89%		76-120%
17060-07-0	1,2-Dichloroethane-D4	82%		73-122%
2037-26-5	Toluene-D8	92%		84-119%
460-00-4	4-Bromofluorobenzene	90%		78-117%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@841363 10:44 06-Mar-2015

Report of Analysis

Client Sample ID:	MW-3 (16.5-17)		
Lab Sample ID:	JB88569-1	Date Sampled:	02/18/15
Matrix:	SO - Soil	Date Received:	02/20/15
Method:	SW846 8270D SW846 3546	Percent Solids:	89.8
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3E69851.D	1	02/27/15	SD	02/26/15	OP82013	E3E3014
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	74	37	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	37	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	60	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	62	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	740	45	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	740	45	ug/kg	
95-48-7	2-Methylphenol	ND	74	42	ug/kg	
	3&4-Methylphenol	ND	74	47	ug/kg	
88-75-5	2-Nitrophenol	ND	180	39	ug/kg	
100-02-7	4-Nitrophenol	ND	370	63	ug/kg	
87-86-5	Pentachlorophenol	ND	370	63	ug/kg	
108-95-2	Phenol	ND	74	39	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	38	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	43	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	35	ug/kg	
83-32-9	Acenaphthene	671	37	11	ug/kg	
208-96-8	Acenaphthylene	ND	37	12	ug/kg	
98-86-2	Acetophenone	ND	180	6.5	ug/kg	
120-12-7	Anthracene	ND	37	13	ug/kg	
1912-24-9	Atrazine	ND	74	7.3	ug/kg	
56-55-3	Benzo(a)anthracene	138	37	12	ug/kg	
50-32-8	Benzo(a)pyrene	86.5	37	11	ug/kg	
205-99-2	Benzo(b)fluoranthene	89.1	37	12	ug/kg	
191-24-2	Benzo(g,h,i)perylene	45.0	37	14	ug/kg	
207-08-9	Benzo(k)fluoranthene	21.0	37	14	ug/kg	J
101-55-3	4-Bromophenyl phenyl ether	ND	74	13	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	74	21	ug/kg	
92-52-4	1,1'-Biphenyl	ND	74	4.3	ug/kg	
100-52-7	Benzaldehyde	ND	180	8.5	ug/kg	
91-58-7	2-Chloronaphthalene	ND	74	11	ug/kg	
106-47-8	4-Chloroaniline	ND	180	12	ug/kg	
86-74-8	Carbazole	ND	74	17	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3 (16.5-17)		
Lab Sample ID:	JB88569-1	Date Sampled:	02/18/15
Matrix:	SO - Soil	Date Received:	02/20/15
Method:	SW846 8270D SW846 3546	Percent Solids:	89.8
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	74	12	ug/kg	
218-01-9	Chrysene	526	37	13	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	74	15	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	74	11	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	74	11	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	74	11	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	37	16	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	37	14	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	74	9.4	ug/kg	
123-91-1	1,4-Dioxane	ND	37	24	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	37	13	ug/kg	
132-64-9	Dibenzofuran	ND	74	11	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	74	8.2	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	74	18	ug/kg	
84-66-2	Diethyl phthalate	ND	74	13	ug/kg	
131-11-3	Dimethyl phthalate	ND	74	13	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	74	33	ug/kg	
206-44-0	Fluoranthene	241	37	16	ug/kg	
86-73-7	Fluorene	ND	37	12	ug/kg	
118-74-1	Hexachlorobenzene	ND	74	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND	37	10	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	370	38	ug/kg	
67-72-1	Hexachloroethane	ND	180	10	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	34.3	37	13	ug/kg	J
78-59-1	Isophorone	ND	74	10	ug/kg	
91-57-6	2-Methylnaphthalene	ND	74	21	ug/kg	
88-74-4	2-Nitroaniline	ND	180	16	ug/kg	
99-09-2	3-Nitroaniline	ND	180	15	ug/kg	
100-01-6	4-Nitroaniline	ND	180	14	ug/kg	
91-20-3	Naphthalene	ND	37	10	ug/kg	
98-95-3	Nitrobenzene	ND	74	11	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	74	9.0	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	22	ug/kg	
85-01-8	Phenanthrene	ND	37	17	ug/kg	
129-00-0	Pyrene	848	37	14	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	70%		22-121%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@841363 10:44 06-Mar-2015

Report of Analysis

Client Sample ID:	SS-1		
Lab Sample ID:	JB88569-2	Date Sampled:	02/19/15
Matrix:	SO - Soil	Date Received:	02/20/15
Method:	SW846 8270D SW846 3546	Percent Solids:	79.8
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3P41070.D	1	02/25/15	SW	02/24/15	OP81964	E3P1790
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	83	41	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	210	41	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	210	67	ug/kg	
105-67-9	2,4-Dimethylphenol	~~ND~~	210	70	ug/kg	R UJ
51-28-5	2,4-Dinitrophenol	ND	830	51	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	830	51	ug/kg	
95-48-7	2-Methylphenol	ND	83	47	ug/kg	
	3&4-Methylphenol	ND	83	53	ug/kg	
88-75-5	2-Nitrophenol	ND	210	44	ug/kg	
100-02-7	4-Nitrophenol	ND	410	70	ug/kg	
87-86-5	Pentachlorophenol	ND	410	71	ug/kg	
108-95-2	Phenol	ND	83	44	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	43	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	210	48	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	210	39	ug/kg	
83-32-9	Acenaphthene	ND	41	12	ug/kg	
208-96-8	Acenaphthylene	ND	41	13	ug/kg	
98-86-2	Acetophenone	117	210	7.3	ug/kg	J
120-12-7	Anthracene	ND	41	15	ug/kg	
1912-24-9	Atrazine	ND	83	8.2	ug/kg	
56-55-3	Benzo(a)anthracene	35.9	41	14	ug/kg	J
50-32-8	Benzo(a)pyrene	32.4	41	13	ug/kg	J
205-99-2	Benzo(b)fluoranthene	68.3	41	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	63.2	41	15	ug/kg	
207-08-9	Benzo(k)fluoranthene	20.3	41	16	ug/kg	J
101-55-3	4-Bromophenyl phenyl ether	ND	83	15	ug/kg	
85-68-7	Butyl benzyl phthalate	87.6	83	24	ug/kg	
92-52-4	1,1'-Biphenyl	ND	83	4.8	ug/kg	
100-52-7	Benzaldehyde	ND	210	9.5	ug/kg	
91-58-7	2-Chloronaphthalene	ND	83	13	ug/kg	
106-47-8	4-Chloroaniline	~~ND~~	210	13	ug/kg	R
86-74-8	Carbazole	ND	83	19	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

4/1/15

Report of Analysis

Client Sample ID:	SS-1		
Lab Sample ID:	JB88569-2	Date Sampled:	02/19/15
Matrix:	SO - Soil	Date Received:	02/20/15
Method:	SW846 8270D SW846 3546	Percent Solids:	79.8
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	83	13	ug/kg	
218-01-9	Chrysene	59.5	41	14	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	83	17	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	83	12	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	83	12	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	83	12	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	41	18	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	41	16	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	83	11	ug/kg	R
123-91-1	1,4-Dioxane	ND	41	27	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	16.2	41	14	ug/kg	J
132-64-9	Dibenzofuran	ND	83	12	ug/kg	
84-74-2	Di-n-butyl phthalate	152	83	9.2	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	83	20	ug/kg	
84-66-2	Diethyl phthalate	ND	83	14	ug/kg	
131-11-3	Dimethyl phthalate	ND	83	15	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	2520	83	37	ug/kg	
206-44-0	Fluoranthene	57.6	41	18	ug/kg	
86-73-7	Fluorene	ND	41	14	ug/kg	
118-74-1	Hexachlorobenzene	ND	83	14	ug/kg	
87-68-3	Hexachlorobutadiene	ND	41	12	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	410	42	ug/kg	
67-72-1	Hexachloroethane	ND	210	12	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	43.6	41	14	ug/kg	
78-59-1	Isophorone	ND	83	11	ug/kg	
91-57-6	2-Methylnaphthalene	ND	83	23	ug/kg	
88-74-4	2-Nitroaniline	ND	210	18	ug/kg	
99-09-2	3-Nitroaniline	ND	210	17	ug/kg	UJ
100-01-6	4-Nitroaniline	ND	210	16	ug/kg	
91-20-3	Naphthalene	ND	41	11	ug/kg	
98-95-3	Nitrobenzene	ND	83	12	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	83	10	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	210	25	ug/kg	
85-01-8	Phenanthrene	61.3	41	19	ug/kg	
129-00-0	Pyrene	68.7	41	16	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	210	13	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	50%		22-121%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

for 4/1/15

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-1 (0-2)		
Lab Sample ID:	JB88935-1	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8270D SW846 3546	Percent Solids:	70.6
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	3E69948.D	1	03/03/15	SW	03/02/15	OP82080	E3E3018
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	5.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	470	240	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	1200	240	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	1200	380	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	1200	400	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	4700	290	ug/kg	R
534-52-1	4,6-Dinitro-o-cresol	ND	4700	290	ug/kg	R
95-48-7	2-Methylphenol	ND	470	270	ug/kg	
	3&4-Methylphenol	ND	470	300	ug/kg	
88-75-5	2-Nitrophenol	ND	1200	250	ug/kg	R
100-02-7	4-Nitrophenol	ND	2400	400	ug/kg	R
87-86-5	Pentachlorophenol	ND	2400	400	ug/kg	
108-95-2	Phenol	ND	470	250	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	1200	240	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	1200	270	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	1200	220	ug/kg	
83-32-9	Acenaphthene	ND	240	68	ug/kg	
208-96-8	Acenaphthylene	119	240	76	ug/kg	J
98-86-2	Acetophenone	163	1200	42	ug/kg	J
120-12-7	Anthracene	127	240	83	ug/kg	J
1912-24-9	Atrazine	ND	470	47	ug/kg	
56-55-3	Benzo(a)anthracene	155	240	77	ug/kg	J
50-32-8	Benzo(a)pyrene	127	240	72	ug/kg	J
205-99-2	Benzo(b)fluoranthene	186	240	79	ug/kg	J
191-24-2	Benzo(g,h,i)perylene	539	240	88	ug/kg	J
207-08-9	Benzo(k)fluoranthene	ND	240	89	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	470	86	ug/kg	
85-68-7	Butyl benzyl phthalate	1580	470	140	ug/kg	J
92-52-4	1,1'-Biphenyl	ND	470	27	ug/kg	
100-52-7	Benzaldehyde	ND	1200	54	ug/kg	
91-58-7	2-Chloronaphthalene	ND	470	73	ug/kg	
106-47-8	4-Chloroaniline	ND	1200	76	ug/kg	
86-74-8	Carbazole	ND	470	110	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	SSB-1 (0-2)		
Lab Sample ID:	JB88935-1	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8270D SW846 3546	Percent Solids:	70.6
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	470	74	ug/kg	
218-01-9	Chrysene	167	240	80	ug/kg	J
111-91-1	bis(2-Chloroethoxy)methane	ND	470	95	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	470	71	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	470	70	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	470	71	ug/kg	
121-14-2	2,4-Dinitrotoluene	~~ND~~	240	100	ug/kg	R
606-20-2	2,6-Dinitrotoluene	ND	240	90	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	~~ND~~	470	60	ug/kg	R
123-91-1	1,4-Dioxane	ND	240	150	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	240	81	ug/kg	
132-64-9	Dibenzofuran	ND	470	70	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	470	52	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	470	110	ug/kg	
84-66-2	Diethyl phthalate	ND	470	81	ug/kg	
131-11-3	Dimethyl phthalate	ND	470	83	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	284	470	210	ug/kg	J
206-44-0	Fluoranthene	124	240	100	ug/kg	J
86-73-7	Fluorene	ND	240	77	ug/kg	
118-74-1	Hexachlorobenzene	ND	470	77	ug/kg	
87-68-3	Hexachlorobutadiene	ND	240	66	ug/kg	
77-47-4	Hexachlorocyclopentadiene	~~ND~~	2400	240	ug/kg	R
67-72-1	Hexachloroethane	ND	1200	66	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	420	240	82	ug/kg	J
78-59-1	Isophorone	ND	470	64	ug/kg	
91-57-6	2-Methylnaphthalene	276	470	130	ug/kg	J
88-74-4	2-Nitroaniline	ND	1200	100	ug/kg	
99-09-2	3-Nitroaniline	~~ND~~	1200	94	ug/kg	R
100-01-6	4-Nitroaniline	~~ND~~	1200	92	ug/kg	R
91-20-3	Naphthalene	164	240	64	ug/kg	J
98-95-3	Nitrobenzene	ND	470	68	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	470	58	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	1200	140	ug/kg	
85-01-8	Phenanthrene	114	240	110	ug/kg	J
129-00-0	Pyrene	164	240	91	ug/kg	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	1200	72	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	58%		22-121%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

4/13/15

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Report of Analysis

Client Sample ID:	SSB-1 (5-7)		
Lab Sample ID:	JB88935-2	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8270D SW846 3546	Percent Solids:	78.5
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M112350.D	1	03/06/15	ALS	03/04/15	OP82124	EM4646
Run #2 [a]	3E69949.D	1	03/03/15	SW	03/02/15	OP82080	E3E3018

	Initial Weight	Final Volume
Run #1	31.3 g	1.0 ml
Run #2	30.0 g	1.0 ml

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	81	41	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	41	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	66	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	68	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	810	50	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	810	50	ug/kg	
95-48-7	2-Methylphenol	ND	81	46	ug/kg	
	3&4-Methylphenol	ND	81	52	ug/kg	
88-75-5	2-Nitrophenol	ND	200	43	ug/kg	
100-02-7	4-Nitrophenol	ND	410	69	ug/kg	
87-86-5	Pentachlorophenol	ND	410	70	ug/kg	
108-95-2	Phenol	ND	81	43	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	42	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	47	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	38	ug/kg	
83-32-9	Acenaphthene	ND	41	12	ug/kg	
208-96-8	Acenaphthylene	288	41	13	ug/kg	J-
98-86-2	Acetophenone	ND	200	7.2	ug/kg	
120-12-7	Anthracene	387	41	14	ug/kg	J-
1912-24-9	Atrazine	ND	81	8.0	ug/kg	
56-55-3	Benzo(a)anthracene	342	41	13	ug/kg	J-
50-32-8	Benzo(a)pyrene	340	41	12	ug/kg	J-
205-99-2	Benzo(b)fluoranthene	491	41	14	ug/kg	J-
191-24-2	Benzo(g,h,i)perylene	2100	41	15	ug/kg	J-
207-08-9	Benzo(k)fluoranthene	155	41	15	ug/kg	J-
101-55-3	4-Bromophenyl phenyl ether	ND	81	15	ug/kg	
85-68-7	Butyl benzyl phthalate	1390	81	24	ug/kg	J-
92-52-4	1,1'-Biphenyl	158	81	4.7	ug/kg	J-
100-52-7	Benzaldehyde	ND	200	9.4	ug/kg	
91-58-7	2-Chloronaphthalene	ND	81	13	ug/kg	
106-47-8	4-Chloroaniline	ND	200	13	ug/kg	
86-74-8	Carbazole	91.1	81	19	ug/kg	J-

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

4/3/15

Report of Analysis

Client Sample ID:	SSB-1 (5-7)		
Lab Sample ID:	JB88935-2	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8270D SW846 3546	Percent Solids:	78.5
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	81	13	ug/kg	
218-01-9	Chrysene	354	41	14	ug/kg	J -
111-91-1	bis(2-Chloroethoxy)methane	ND	81	16	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	81	12	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	81	12	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	81	12	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	41	18	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	41	16	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	81	10	ug/kg	
123-91-1	1,4-Dioxane	ND	41	26	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	406	41	14	ug/kg	J -
132-64-9	Dibenzofuran	103	81	12	ug/kg	J -
84-74-2	Di-n-butyl phthalate	87.2	81	9.0	ug/kg	J -
117-84-0	Di-n-octyl phthalate	ND	81	20	ug/kg	
84-66-2	Diethyl phthalate	ND	81	14	ug/kg	
131-11-3	Dimethyl phthalate	ND	81	14	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	318	81	36	ug/kg	J -
206-44-0	Fluoranthene	396	41	18	ug/kg	J -
86-73-7	Fluorene	ND	41	13	ug/kg	
118-74-1	Hexachlorobenzene	ND	81	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	41	11	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	410	42	ug/kg	
67-72-1	Hexachloroethane	ND	200	11	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	1230	41	14	ug/kg	J -
78-59-1	Isophorone	ND	81	11	ug/kg	
91-57-6	2-Methylnaphthalene	1280	81	23	ug/kg	J -
88-74-4	2-Nitroaniline	ND	200	18	ug/kg	
99-09-2	3-Nitroaniline	ND	200	16	ug/kg	
100-01-6	4-Nitroaniline	ND	200	16	ug/kg	
91-20-3	Naphthalene	752	41	11	ug/kg	J -
98-95-3	Nitrobenzene	ND	81	12	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	81	9.9	ug/kg	
86-30-6	N-Nitrosodiphenylamine	44.8	200	24	ug/kg	~~J~~ J -
85-01-8	Phenanthrene	404	41	19	ug/kg	J -
129-00-0	Pyrene	283	41	16	ug/kg	J -
95-94-3	1,2,4,5-Tetrachlorobenzene	49.2	200	12	ug/kg	~~J~~ J -

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	37%	10% [b]	22-121%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

JB 4/13/15

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-1 (7-9)		
Lab Sample ID:	JB88935-3	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8270D SW846 3546	Percent Solids:	78.0
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3E69950.D	1	03/03/15	SW	03/02/15	OP82080	E3E3018
Run #2 [a]	3E69962.D	2	03/03/15	SP	03/02/15	OP82080	E3E3019

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2	30.0 g	1.0 ml

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	85	43	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	210	43	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	210	69	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	210	72	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	850	52	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	850	52	ug/kg	
95-48-7	2-Methylphenol	ND	85	49	ug/kg	
	3&4-Methylphenol	243	85	54	ug/kg	J
88-75-5	2-Nitrophenol	ND	210	45	ug/kg	
100-02-7	4-Nitrophenol	ND	430	72	ug/kg	
87-86-5	Pentachlorophenol	ND	430	73	ug/kg	
108-95-2	Phenol	ND	85	45	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	44	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	210	50	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	210	40	ug/kg	
83-32-9	Acenaphthene	ND	43	12	ug/kg	
208-96-8	Acenaphthylene	130	43	14	ug/kg	J
98-86-2	Acetophenone	ND	210	7.5	ug/kg	
120-12-7	Anthracene	200	43	15	ug/kg	J
1912-24-9	Atrazine	ND	85	8.4	ug/kg	
56-55-3	Benzo(a)anthracene	41.1	43	14	ug/kg	J
50-32-8	Benzo(a)pyrene	ND	43	13	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	43	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	529	43	16	ug/kg	J
207-08-9	Benzo(k)fluoranthene	ND	43	16	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	85	16	ug/kg	
85-68-7	Butyl benzyl phthalate	284	85	25	ug/kg	J
92-52-4	1,1'-Biphenyl	ND	85	5.0	ug/kg	
100-52-7	Benzaldehyde	ND	210	9.8	ug/kg	
91-58-7	2-Chloronaphthalene	ND	85	13	ug/kg	
106-47-8	4-Chloroaniline	ND	210	14	ug/kg	
86-74-8	Carbazole	20.6	85	20	ug/kg	J

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

4/14/15

Report of Analysis

Client Sample ID:	SSB-1 (7-9)		
Lab Sample ID:	JB88935-3	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8270D SW846 3546	Percent Solids:	78.0
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	85	13	ug/kg	
218-01-9	Chrysene	26.7	43	14	ug/kg	J J
111-91-1	bis(2-Chloroethoxy)methane	ND	85	17	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	85	13	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	85	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	85	13	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	43	19	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	43	16	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	85	11	ug/kg	
123-91-1	1,4-Dioxane	ND	43	28	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	98.5	43	15	ug/kg	J
132-64-9	Dibenzofuran	ND	85	13	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	85	9.5	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	85	21	ug/kg	
84-66-2	Diethyl phthalate	ND	85	15	ug/kg	
131-11-3	Dimethyl phthalate	ND	85	15	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	81.3	85	38	ug/kg	J J
206-44-0	Fluoranthene	22.0	43	19	ug/kg	J J
86-73-7	Fluorene	ND	43	14	ug/kg	
118-74-1	Hexachlorobenzene	ND	85	14	ug/kg	
87-68-3	Hexachlorobutadiene	ND	43	12	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	430	44	ug/kg	
67-72-1	Hexachloroethane	ND	210	12	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	55.3	43	15	ug/kg	J
78-59-1	Isophorone	ND	85	11	ug/kg	
91-57-6	2-Methylnaphthalene	68.2	85	24	ug/kg	J J
88-74-4	2-Nitroaniline	ND	210	19	ug/kg	
99-09-2	3-Nitroaniline	ND	210	17	ug/kg	
100-01-6	4-Nitroaniline	ND	210	17	ug/kg	
91-20-3	Naphthalene	ND	43	12	ug/kg	
98-95-3	Nitrobenzene	ND	85	12	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	85	10	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	210	26	ug/kg	
85-01-8	Phenanthrene	22.9	43	19	ug/kg	J J
129-00-0	Pyrene	ND	43	16	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	210	13	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	61%	59%	22-121%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-2 (0-2)		
Lab Sample ID:	JB88935-4	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8270D SW846 3546	Percent Solids:	91.5
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3E69938.D	1	03/02/15	SW	03/02/15	OP82080	E3E3018
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	73	36	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	36	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	59	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	61	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	730	44	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	730	44	ug/kg	
95-48-7	2-Methylphenol	ND	73	42	ug/kg	
	3&4-Methylphenol	ND	73	46	ug/kg	
88-75-5	2-Nitrophenol	ND	180	39	ug/kg	
100-02-7	4-Nitrophenol	ND	360	62	ug/kg	
87-86-5	Pentachlorophenol	ND	360	62	ug/kg	
108-95-2	Phenol	ND	73	38	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	38	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	42	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	34	ug/kg	
83-32-9	Acenaphthene	ND	36	11	ug/kg	
208-96-8	Acenaphthylene	ND	36	12	ug/kg	
98-86-2	Acetophenone	ND	180	6.4	ug/kg	
120-12-7	Anthracene	ND	36	13	ug/kg	
1912-24-9	Atrazine	ND	73	7.2	ug/kg	
56-55-3	Benzo(a)anthracene	ND	36	12	ug/kg	
50-32-8	Benzo(a)pyrene	ND	36	11	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	36	12	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	36	14	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	36	14	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	73	13	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	73	21	ug/kg	
92-52-4	1,1'-Biphenyl	ND	73	4.2	ug/kg	
100-52-7	Benzaldehyde	ND	180	8.4	ug/kg	
91-58-7	2-Chloronaphthalene	ND	73	11	ug/kg	
106-47-8	4-Chloroaniline	ND	180	12	ug/kg	
86-74-8	Carbazole	ND	73	17	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SSB-2 (0-2)		
Lab Sample ID:	JB88935-4	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8270D SW846 3546	Percent Solids:	91.5
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	73	11	ug/kg	
218-01-9	Chrysene	ND	36	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	73	15	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	73	11	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	73	11	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	73	11	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	36	16	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	36	14	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	73	9.3	ug/kg	
123-91-1	1,4-Dioxane	ND	36	24	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	36	12	ug/kg	
132-64-9	Dibenzofuran	ND	73	11	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	73	8.1	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	73	18	ug/kg	
84-66-2	Diethyl phthalate	ND	73	12	ug/kg	
131-11-3	Dimethyl phthalate	ND	73	13	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	73	32	ug/kg	
206-44-0	Fluoranthene	ND	36	16	ug/kg	
86-73-7	Fluorene	ND	36	12	ug/kg	
118-74-1	Hexachlorobenzene	ND	73	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND	36	10	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	360	37	ug/kg	
67-72-1	Hexachloroethane	ND	180	10	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	36	13	ug/kg	
78-59-1	Isophorone	ND	73	9.8	ug/kg	
91-57-6	2-Methylnaphthalene	ND	73	20	ug/kg	
88-74-4	2-Nitroaniline	ND	180	16	ug/kg	
99-09-2	3-Nitroaniline	ND	180	15	ug/kg	
100-01-6	4-Nitroaniline	ND	180	14	ug/kg	
91-20-3	Naphthalene	ND	36	9.9	ug/kg	
98-95-3	Nitrobenzene	ND	73	11	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	73	8.9	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	22	ug/kg	
85-01-8	Phenanthrene	ND	36	17	ug/kg	
129-00-0	Pyrene	ND	36	14	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	79%		22-121%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	SSB-2 (5-7)		
Lab Sample ID:	JB88935-5	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8270D SW846 3546	Percent Solids:	92.0
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3E69939.D	1	03/02/15	SW	03/02/15	OP82080	E3E3018
Run #2							

	Initial Weight	Final Volume
Run #1	32.6 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	67	33	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	33	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	54	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	56	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	670	41	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	670	41	ug/kg	
95-48-7	2-Methylphenol	ND	67	38	ug/kg	
	3&4-Methylphenol	ND	67	42	ug/kg	
88-75-5	2-Nitrophenol	ND	170	35	ug/kg	
100-02-7	4-Nitrophenol	ND	330	56	ug/kg	
87-86-5	Pentachlorophenol	ND	330	57	ug/kg	
108-95-2	Phenol	ND	67	35	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	170	34	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	39	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	31	ug/kg	
83-32-9	Acenaphthene	ND	33	9.7	ug/kg	
208-96-8	Acenaphthylene	ND	33	11	ug/kg	
98-86-2	Acetophenone	ND	170	5.9	ug/kg	
120-12-7	Anthracene	ND	33	12	ug/kg	
1912-24-9	Atrazine	ND	67	6.6	ug/kg	
56-55-3	Benzo(a)anthracene	ND	33	11	ug/kg	
50-32-8	Benzo(a)pyrene	ND	33	10	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	33	11	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	33	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	33	13	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	67	12	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	67	19	ug/kg	
92-52-4	1,1'-Biphenyl	ND	67	3.9	ug/kg	
100-52-7	Benzaldehyde	ND	170	7.7	ug/kg	
91-58-7	2-Chloronaphthalene	ND	67	10	ug/kg	
106-47-8	4-Chloroaniline	ND	170	11	ug/kg	
86-74-8	Carbazole	ND	67	15	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SSB-2 (5-7)		
Lab Sample ID:	JB88935-5	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8270D SW846 3546	Percent Solids:	92.0
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	67	11	ug/kg	
218-01-9	Chrysene	ND	33	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	67	13	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	67	10	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	67	9.9	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	67	10	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	33	15	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	33	13	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	67	8.5	ug/kg	
123-91-1	1,4-Dioxane	ND	33	22	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	33	11	ug/kg	
132-64-9	Dibenzofuran	ND	67	9.9	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	67	7.4	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	67	16	ug/kg	
84-66-2	Diethyl phthalate	ND	67	11	ug/kg	
131-11-3	Dimethyl phthalate	ND	67	12	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	141	67	29	ug/kg	
206-44-0	Fluoranthene	ND	33	15	ug/kg	
86-73-7	Fluorene	ND	33	11	ug/kg	
118-74-1	Hexachlorobenzene	ND	67	11	ug/kg	
87-68-3	Hexachlorobutadiene	ND	33	9.3	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	330	34	ug/kg	
67-72-1	Hexachloroethane	ND	170	9.3	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	33	12	ug/kg	
78-59-1	Isophorone	ND	67	9.0	ug/kg	
91-57-6	2-Methylnaphthalene	ND	67	19	ug/kg	
88-74-4	2-Nitroaniline	ND	170	15	ug/kg	
99-09-2	3-Nitroaniline	ND	170	13	ug/kg	
100-01-6	4-Nitroaniline	ND	170	13	ug/kg	
91-20-3	Naphthalene	ND	33	9.1	ug/kg	
98-95-3	Nitrobenzene	ND	67	9.6	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	67	8.1	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	20	ug/kg	
85-01-8	Phenanthrene	ND	33	15	ug/kg	
129-00-0	Pyrene	ND	33	13	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	10	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	74%		22-121%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-2 (8-10)		
Lab Sample ID:	JB88935-6	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8270D SW846 3546	Percent Solids:	91.5
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3E69940.D	1	03/02/15	SW	03/02/15	OP82080	E3E3018
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	72	36	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	36	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	58	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	61	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	720	44	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	720	44	ug/kg	
95-48-7	2-Methylphenol	ND	72	41	ug/kg	
	3&4-Methylphenol	ND	72	46	ug/kg	
88-75-5	2-Nitrophenol	ND	180	38	ug/kg	
100-02-7	4-Nitrophenol	ND	360	61	ug/kg	
87-86-5	Pentachlorophenol	ND	360	62	ug/kg	
108-95-2	Phenol	ND	72	38	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	37	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	42	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	34	ug/kg	
83-32-9	Acenaphthene	ND	36	10	ug/kg	
208-96-8	Acenaphthylene	ND	36	12	ug/kg	
98-86-2	Acetophenone	ND	180	6.3	ug/kg	
120-12-7	Anthracene	ND	36	13	ug/kg	
1912-24-9	Atrazine	ND	72	7.1	ug/kg	
56-55-3	Benzo(a)anthracene	16.2	36	12	ug/kg	J
50-32-8	Benzo(a)pyrene	20.7	36	11	ug/kg	J
205-99-2	Benzo(b)fluoranthene	26.0	36	12	ug/kg	J
191-24-2	Benzo(g,h,i)perylene	23.3	36	13	ug/kg	J
207-08-9	Benzo(k)fluoranthene	ND	36	14	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	72	13	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	72	21	ug/kg	
92-52-4	1,1'-Biphenyl	ND	72	4.2	ug/kg	
100-52-7	Benzaldehyde	ND	180	8.3	ug/kg	
91-58-7	2-Chloronaphthalene	ND	72	11	ug/kg	
106-47-8	4-Chloroaniline	ND	180	12	ug/kg	
86-74-8	Carbazole	ND	72	17	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SSB-2 (8-10)		
Lab Sample ID:	JB88935-6	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8270D SW846 3546	Percent Solids:	91.5
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	72	11	ug/kg	
218-01-9	Chrysene	25.7	36	12	ug/kg	J
111-91-1	bis(2-Chloroethoxy)methane	ND	72	15	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	72	11	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	72	11	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	72	11	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	36	16	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	36	14	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	72	9.2	ug/kg	
123-91-1	1,4-Dioxane	ND	36	23	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	36	12	ug/kg	
132-64-9	Dibenzofuran	ND	72	11	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	72	8.0	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	72	18	ug/kg	
84-66-2	Diethyl phthalate	ND	72	12	ug/kg	
131-11-3	Dimethyl phthalate	ND	72	13	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	170	72	32	ug/kg	
206-44-0	Fluoranthene	23.4	36	16	ug/kg	J
86-73-7	Fluorene	ND	36	12	ug/kg	
118-74-1	Hexachlorobenzene	ND	72	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND	36	10	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	360	37	ug/kg	
67-72-1	Hexachloroethane	ND	180	10	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	21.2	36	13	ug/kg	J
78-59-1	Isophorone	ND	72	9.7	ug/kg	
91-57-6	2-Methylnaphthalene	ND	72	20	ug/kg	
88-74-4	2-Nitroaniline	ND	180	16	ug/kg	
99-09-2	3-Nitroaniline	ND	180	14	ug/kg	
100-01-6	4-Nitroaniline	ND	180	14	ug/kg	
91-20-3	Naphthalene	ND	36	9.8	ug/kg	
98-95-3	Nitrobenzene	ND	72	10	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	72	8.8	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	22	ug/kg	
85-01-8	Phenanthrene	18.6	36	16	ug/kg	J
129-00-0	Pyrene	31.8	36	14	ug/kg	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	73%		22-121%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-X SSB-2 (0-2)		
Lab Sample ID:	JB88935-7	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8270D SW846 3546	Percent Solids:	90.8
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3E69941.D	1	03/02/15	SW	03/02/15	OP82080	E3E3018
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	73	36	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	36	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	59	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	61	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	730	44	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	730	44	ug/kg	
95-48-7	2-Methylphenol	ND	73	41	ug/kg	
	3&4-Methylphenol	ND	73	46	ug/kg	
88-75-5	2-Nitrophenol	ND	180	39	ug/kg	
100-02-7	4-Nitrophenol	ND	360	61	ug/kg	
87-86-5	Pentachlorophenol	ND	360	62	ug/kg	
108-95-2	Phenol	ND	73	38	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	37	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	42	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	34	ug/kg	
83-32-9	Acenaphthene	ND	36	11	ug/kg	
208-96-8	Acenaphthylene	ND	36	12	ug/kg	
98-86-2	Acetophenone	ND	180	6.4	ug/kg	
120-12-7	Anthracene	ND	36	13	ug/kg	
1912-24-9	Atrazine	ND	73	7.2	ug/kg	
56-55-3	Benzo(a)anthracene	ND	36	12	ug/kg	
50-32-8	Benzo(a)pyrene	ND	36	11	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	36	12	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	36	14	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	36	14	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	73	13	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	73	21	ug/kg	
92-52-4	1,1'-Biphenyl	ND	73	4.2	ug/kg	
100-52-7	Benzaldehyde	ND	180	8.4	ug/kg	
91-58-7	2-Chloronaphthalene	ND	73	11	ug/kg	
106-47-8	4-Chloroaniline	ND	180	12	ug/kg	
86-74-8	Carbazole	ND	73	17	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SSB-X SSB-2 (0-2)		
Lab Sample ID:	JB88935-7	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8270D SW846 3546	Percent Solids:	90.8
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	73	11	ug/kg	
218-01-9	Chrysene	ND	36	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	73	15	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	73	11	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	73	11	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	73	11	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	36	16	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	36	14	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	73	9.2	ug/kg	
123-91-1	1,4-Dioxane	ND	36	24	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	36	12	ug/kg	
132-64-9	Dibenzofuran	ND	73	11	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	73	8.1	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	73	18	ug/kg	
84-66-2	Diethyl phthalate	ND	73	12	ug/kg	
131-11-3	Dimethyl phthalate	ND	73	13	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	73	32	ug/kg	
206-44-0	Fluoranthene	ND	36	16	ug/kg	
86-73-7	Fluorene	ND	36	12	ug/kg	
118-74-1	Hexachlorobenzene	ND	73	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND	36	10	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	360	37	ug/kg	
67-72-1	Hexachloroethane	ND	180	10	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	36	13	ug/kg	
78-59-1	Isophorone	ND	73	9.8	ug/kg	
91-57-6	2-Methylnaphthalene	ND	73	20	ug/kg	
88-74-4	2-Nitroaniline	ND	180	16	ug/kg	
99-09-2	3-Nitroaniline	ND	180	15	ug/kg	
100-01-6	4-Nitroaniline	ND	180	14	ug/kg	
91-20-3	Naphthalene	ND	36	9.9	ug/kg	
98-95-3	Nitrobenzene	ND	73	11	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	73	8.9	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	22	ug/kg	
85-01-8	Phenanthrene	ND	36	17	ug/kg	
129-00-0	Pyrene	ND	36	14	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	79%		22-121%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-3 (0-2)		
Lab Sample ID:	JB88935-8	Date Sampled:	02/26/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8270D SW846 3546	Percent Solids:	88.3
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3E69942.D	1	03/02/15	SW	03/02/15	OP82080	E3E3018
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	76	38	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	38	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	61	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	190	63	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	760	46	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	760	46	ug/kg	
95-48-7	2-Methylphenol	ND	76	43	ug/kg	
	3&4-Methylphenol	ND	76	48	ug/kg	
88-75-5	2-Nitrophenol	ND	190	40	ug/kg	
100-02-7	4-Nitrophenol	ND	380	64	ug/kg	
87-86-5	Pentachlorophenol	ND	380	65	ug/kg	
108-95-2	Phenol	ND	76	40	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	39	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	44	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	35	ug/kg	
83-32-9	Acenaphthene	ND	38	11	ug/kg	
208-96-8	Acenaphthylene	ND	38	12	ug/kg	
98-86-2	Acetophenone	ND	190	6.6	ug/kg	
120-12-7	Anthracene	ND	38	13	ug/kg	
1912-24-9	Atrazine	ND	76	7.4	ug/kg	
56-55-3	Benzo(a)anthracene	ND	38	12	ug/kg	
50-32-8	Benzo(a)pyrene	ND	38	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	38	13	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	38	14	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	38	14	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	76	14	ug/kg	
85-68-7	Butyl benzyl phthalate	417	76	22	ug/kg	
92-52-4	1,1'-Biphenyl	ND	76	4.4	ug/kg	
100-52-7	Benzaldehyde	ND	190	8.7	ug/kg	
91-58-7	2-Chloronaphthalene	ND	76	12	ug/kg	
106-47-8	4-Chloroaniline	ND	190	12	ug/kg	
86-74-8	Carbazole	ND	76	17	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SSB-3 (0-2)		
Lab Sample ID:	JB88935-8	Date Sampled:	02/26/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8270D SW846 3546	Percent Solids:	88.3
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	76	12	ug/kg	
218-01-9	Chrysene	ND	38	13	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	76	15	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	76	11	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	76	11	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	76	11	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	38	16	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	38	14	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	76	9.6	ug/kg	
123-91-1	1,4-Dioxane	ND	38	25	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	38	13	ug/kg	
132-64-9	Dibenzofuran	ND	76	11	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	76	8.4	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	76	18	ug/kg	
84-66-2	Diethyl phthalate	ND	76	13	ug/kg	
131-11-3	Dimethyl phthalate	ND	76	13	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	76	33	ug/kg	
206-44-0	Fluoranthene	ND	38	17	ug/kg	
86-73-7	Fluorene	ND	38	12	ug/kg	
118-74-1	Hexachlorobenzene	ND	76	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND	38	10	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	380	39	ug/kg	
67-72-1	Hexachloroethane	ND	190	10	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	38	13	ug/kg	
78-59-1	Isophorone	ND	76	10	ug/kg	
91-57-6	2-Methylnaphthalene	ND	76	21	ug/kg	
88-74-4	2-Nitroaniline	ND	190	17	ug/kg	
99-09-2	3-Nitroaniline	ND	190	15	ug/kg	
100-01-6	4-Nitroaniline	ND	190	15	ug/kg	
91-20-3	Naphthalene	ND	38	10	ug/kg	
98-95-3	Nitrobenzene	ND	76	11	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	76	9.2	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	23	ug/kg	
85-01-8	Phenanthrene	ND	38	17	ug/kg	
129-00-0	Pyrene	ND	38	14	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	12	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	86%		22-121%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-3 (5-7)		
Lab Sample ID:	JB88935-9	Date Sampled:	02/26/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8270D SW846 3546	Percent Solids:	87.6
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3E69943.D	1	03/02/15	SW	03/02/15	OP82080	E3E3018
Run #2	3E69960.D	5	03/03/15	SP	03/02/15	OP82080	E3E3019

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2	30.0 g	1.0 ml

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	76	38	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	38	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	61	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	190	64	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	760	46	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	760	46	ug/kg	
95-48-7	2-Methylphenol	ND	76	43	ug/kg	
	3&4-Methylphenol	ND	76	48	ug/kg	
88-75-5	2-Nitrophenol	ND	190	40	ug/kg	
100-02-7	4-Nitrophenol	ND	380	64	ug/kg	
87-86-5	Pentachlorophenol	ND	380	65	ug/kg	
108-95-2	Phenol	ND	76	40	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	39	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	44	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	36	ug/kg	
83-32-9	Acenaphthene	ND	38	11	ug/kg	
208-96-8	Acenaphthylene	ND	38	12	ug/kg	
98-86-2	Acetophenone	ND	190	6.7	ug/kg	
120-12-7	Anthracene	ND	38	13	ug/kg	
1912-24-9	Atrazine	ND	76	7.5	ug/kg	
56-55-3	Benzo(a)anthracene	ND	38	12	ug/kg	
50-32-8	Benzo(a)pyrene	ND	38	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	38	13	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	38	14	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	38	14	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	76	14	ug/kg	
85-68-7	Butyl benzyl phthalate	7030 D	380	110	ug/kg	
92-52-4	1,1'-Biphenyl	ND	76	4.4	ug/kg	
100-52-7	Benzaldehyde	ND	190	8.8	ug/kg	
91-58-7	2-Chloronaphthalene	ND	76	12	ug/kg	
106-47-8	4-Chloroaniline	ND	190	12	ug/kg	
86-74-8	Carbazole	ND	76	18	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SSB-3 (5-7)		
Lab Sample ID:	JB88935-9	Date Sampled:	02/26/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8270D SW846 3546	Percent Solids:	87.6
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	76	12	ug/kg	
218-01-9	Chrysene	ND	38	13	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	76	15	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	76	11	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	76	11	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	76	11	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	38	17	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	38	14	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	76	9.7	ug/kg	
123-91-1	1,4-Dioxane	ND	38	25	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	38	13	ug/kg	
132-64-9	Dibenzofuran	ND	76	11	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	76	8.4	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	76	19	ug/kg	
84-66-2	Diethyl phthalate	ND	76	13	ug/kg	
131-11-3	Dimethyl phthalate	ND	76	13	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	273	76	34	ug/kg	
206-44-0	Fluoranthene	ND	38	17	ug/kg	
86-73-7	Fluorene	ND	38	12	ug/kg	
118-74-1	Hexachlorobenzene	ND	76	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND	38	11	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	380	39	ug/kg	
67-72-1	Hexachloroethane	ND	190	11	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	38	13	ug/kg	
78-59-1	Isophorone	ND	76	10	ug/kg	
91-57-6	2-Methylnaphthalene	ND	76	21	ug/kg	
88-74-4	2-Nitroaniline	ND	190	17	ug/kg	
99-09-2	3-Nitroaniline	ND	190	15	ug/kg	
100-01-6	4-Nitroaniline	ND	190	15	ug/kg	
91-20-3	Naphthalene	ND	38	10	ug/kg	
98-95-3	Nitrobenzene	ND	76	11	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	76	9.3	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	23	ug/kg	
85-01-8	Phenanthrene	ND	38	17	ug/kg	
129-00-0	Pyrene	ND	38	15	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	12	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	78%	76%	22-121%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-3 (7.5-9.5)		
Lab Sample ID:	JB88935-10	Date Sampled:	02/26/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8270D SW846 3546	Percent Solids:	89.2
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3E69944.D	1	03/03/15	SW	03/02/15	OP82080	E3E3018
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	75	37	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	37	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	60	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	190	63	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	750	46	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	750	46	ug/kg	
95-48-7	2-Methylphenol	ND	75	43	ug/kg	
	3&4-Methylphenol	ND	75	47	ug/kg	
88-75-5	2-Nitrophenol	ND	190	40	ug/kg	
100-02-7	4-Nitrophenol	ND	370	63	ug/kg	
87-86-5	Pentachlorophenol	ND	370	64	ug/kg	
108-95-2	Phenol	ND	75	39	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	38	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	43	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	35	ug/kg	
83-32-9	Acenaphthene	ND	37	11	ug/kg	
208-96-8	Acenaphthylene	ND	37	12	ug/kg	
98-86-2	Acetophenone	ND	190	6.6	ug/kg	
120-12-7	Anthracene	ND	37	13	ug/kg	
1912-24-9	Atrazine	ND	75	7.4	ug/kg	
56-55-3	Benzo(a)anthracene	ND	37	12	ug/kg	
50-32-8	Benzo(a)pyrene	ND	37	11	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	37	12	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	37	14	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	37	14	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	75	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	75	22	ug/kg	
92-52-4	1,1'-Biphenyl	ND	75	4.3	ug/kg	
100-52-7	Benzaldehyde	ND	190	8.6	ug/kg	
91-58-7	2-Chloronaphthalene	ND	75	12	ug/kg	
106-47-8	4-Chloroaniline	ND	190	12	ug/kg	
86-74-8	Carbazole	ND	75	17	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SSB-3 (7.5-9.5)		
Lab Sample ID:	JB88935-10	Date Sampled:	02/26/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8270D SW846 3546	Percent Solids:	89.2
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	75	12	ug/kg	
218-01-9	Chrysene	ND	37	13	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	75	15	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	75	11	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	75	11	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	75	11	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	37	16	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	37	14	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	75	9.5	ug/kg	
123-91-1	1,4-Dioxane	ND	37	24	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	37	13	ug/kg	
132-64-9	Dibenzofuran	ND	75	11	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	75	8.3	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	75	18	ug/kg	
84-66-2	Diethyl phthalate	ND	75	13	ug/kg	
131-11-3	Dimethyl phthalate	ND	75	13	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	75	33	ug/kg	
206-44-0	Fluoranthene	ND	37	16	ug/kg	
86-73-7	Fluorene	ND	37	12	ug/kg	
118-74-1	Hexachlorobenzene	ND	75	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND	37	10	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	370	38	ug/kg	
67-72-1	Hexachloroethane	ND	190	10	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	37	13	ug/kg	
78-59-1	Isophorone	ND	75	10	ug/kg	
91-57-6	2-Methylnaphthalene	ND	75	21	ug/kg	
88-74-4	2-Nitroaniline	ND	190	16	ug/kg	
99-09-2	3-Nitroaniline	ND	190	15	ug/kg	
100-01-6	4-Nitroaniline	ND	190	15	ug/kg	
91-20-3	Naphthalene	ND	37	10	ug/kg	
98-95-3	Nitrobenzene	ND	75	11	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	75	9.1	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	22	ug/kg	
85-01-8	Phenanthrene	ND	37	17	ug/kg	
129-00-0	Pyrene	ND	37	14	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	84%		22-121%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	FB20150226		
Lab Sample ID:	JB88935-12	Date Sampled:	02/26/15
Matrix:	AQ - Field Blank Soil	Date Received:	02/26/15
Method:	SW846 8270D SW846 3510C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F144713.D	1	03/02/15	KLS	03/02/15	OP82087	EF6057
Run #2							

	Initial Volume	Final Volume
Run #1	920 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.4	1.4	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.4	1.4	ug/l	
120-83-2	2,4-Dichlorophenol	ND	2.2	1.8	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.4	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	22	7.1	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	22	1.4	ug/l	
95-48-7	2-Methylphenol	ND	2.2	1.4	ug/l	
	3&4-Methylphenol	ND	2.2	1.2	ug/l	
88-75-5	2-Nitrophenol	ND	5.4	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	11	0.99	ug/l	
87-86-5	Pentachlorophenol	ND	11	1.5	ug/l	
108-95-2	Phenol	ND	2.2	0.59	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.4	1.5	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.4	1.9	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.4	1.7	ug/l	
83-32-9	Acenaphthene	ND	1.1	0.32	ug/l	
208-96-8	Acenaphthylene	ND	1.1	0.22	ug/l	
98-86-2	Acetophenone	ND	2.2	0.40	ug/l	
120-12-7	Anthracene	ND	1.1	0.21	ug/l	
1912-24-9	Atrazine	ND	2.2	0.46	ug/l	
100-52-7	Benzaldehyde	ND	5.4	0.73	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.1	0.23	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.1	0.26	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.1	0.24	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.1	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.1	0.24	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.2	0.27	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.2	0.24	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.1	0.30	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.2	0.37	ug/l	
106-47-8	4-Chloroaniline	ND	5.4	0.33	ug/l	
86-74-8	Carbazole	ND	1.1	0.18	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FB20150226		
Lab Sample ID:	JB88935-12	Date Sampled:	02/26/15
Matrix:	AQ - Field Blank Soil	Date Received:	02/26/15
Method:	SW846 8270D SW846 3510C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	2.2	0.44	ug/l	
218-01-9	Chrysene	ND	1.1	0.18	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.2	0.46	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.2	0.47	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.2	0.44	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.2	0.41	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.1	0.35	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.1	0.28	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.2	0.61	ug/l	
123-91-1	1,4-Dioxane	ND	1.1	0.78	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.1	0.30	ug/l	
132-64-9	Dibenzofuran	ND	5.4	0.25	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.2	0.63	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.2	0.27	ug/l	
84-66-2	Diethyl phthalate	ND	2.2	0.25	ug/l	
131-11-3	Dimethyl phthalate	ND	2.2	0.28	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.2	0.60	ug/l	
206-44-0	Fluoranthene	ND	1.1	0.18	ug/l	
86-73-7	Fluorene	ND	1.1	0.30	ug/l	
118-74-1	Hexachlorobenzene	ND	1.1	0.50	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.1	0.42	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	11	0.52	ug/l	
67-72-1	Hexachloroethane	ND	2.2	0.31	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.1	0.44	ug/l	
78-59-1	Isophorone	ND	2.2	0.37	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.1	0.32	ug/l	
88-74-4	2-Nitroaniline	ND	5.4	0.34	ug/l	
99-09-2	3-Nitroaniline	ND	5.4	0.28	ug/l	
100-01-6	4-Nitroaniline	ND	5.4	0.33	ug/l	
91-20-3	Naphthalene	ND	1.1	0.29	ug/l	
98-95-3	Nitrobenzene	ND	2.2	0.56	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.2	0.41	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.4	0.22	ug/l	
85-01-8	Phenanthrene	ND	1.1	0.20	ug/l	
129-00-0	Pyrene	ND	1.1	0.21	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.2	0.48	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	56%		12-110%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	JB89708-1	Date Sampled:	03/11/15
Matrix:	AQ - Ground Water	Date Received:	03/11/15
Method:	SW846 8270D SW846 3510C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P93886.D	1	03/17/15	SD	03/16/15	OP82372	EP4048
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	1.3	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	1.3	ug/l	
120-83-2	2,4-Dichlorophenol	ND	2.0	1.6	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	6.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	1.3	ug/l	
95-48-7	2-Methylphenol	ND	2.0	1.3	ug/l	
	3&4-Methylphenol	ND	2.0	1.1	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	10	0.91	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.4	ug/l	
108-95-2	Phenol	ND	2.0	0.55	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	1.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	1.7	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	1.5	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.30	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.20	ug/l	
98-86-2	Acetophenone	ND	2.0	0.36	ug/l	
120-12-7	Anthracene	ND	1.0	0.19	ug/l	
1912-24-9	Atrazine	ND	2.0	0.42	ug/l	
100-52-7	Benzaldehyde	ND	5.0	0.67	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.22	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.24	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.22	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.31	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.22	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.25	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.22	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.27	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.34	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.30	ug/l	
86-74-8	Carbazole	ND	1.0	0.17	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	JB89708-1	Date Sampled:	03/11/15
Matrix:	AQ - Ground Water	Date Received:	03/11/15
Method:	SW846 8270D SW846 3510C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	2.0	0.41	ug/l	
218-01-9	Chrysene	ND	1.0	0.16	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.42	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.43	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	0.41	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.38	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.32	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.26	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	0.56	ug/l	
123-91-1	1,4-Dioxane	ND	1.0	0.72	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.28	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.23	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.58	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.25	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.23	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.26	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	0.55	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.16	ug/l	
86-73-7	Fluorene	ND	1.0	0.27	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.46	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.39	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	0.48	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.29	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.40	ug/l	
78-59-1	Isophorone	ND	2.0	0.34	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.29	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	0.32	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	0.26	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.30	ug/l	
91-20-3	Naphthalene	ND	1.0	0.27	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.52	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.38	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.21	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.19	ug/l	
129-00-0	Pyrene	ND	1.0	0.19	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.44	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	43%		12-110%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JB89708-2	Date Sampled:	03/11/15
Matrix:	AQ - Ground Water	Date Received:	03/11/15
Method:	SW846 8270D SW846 3510C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P93887.D	1	03/17/15	SD	03/16/15	OP82372	EP4048
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	1.3	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	1.3	ug/l	
120-83-2	2,4-Dichlorophenol	ND	2.0	1.6	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	6.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	1.3	ug/l	
95-48-7	2-Methylphenol	ND	2.0	1.3	ug/l	
	3&4-Methylphenol	ND	2.0	1.1	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	10	0.91	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.4	ug/l	
108-95-2	Phenol	ND	2.0	0.55	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	1.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	1.7	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	1.5	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.30	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.20	ug/l	
98-86-2	Acetophenone	0.84	2.0	0.36	ug/l	J
120-12-7	Anthracene	ND	1.0	0.19	ug/l	
1912-24-9	Atrazine	ND	2.0	0.42	ug/l	
100-52-7	Benzaldehyde	ND	5.0	0.67	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.22	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.24	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.22	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.31	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.22	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.25	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.22	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.27	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.34	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.30	ug/l	
86-74-8	Carbazole	ND	1.0	0.17	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JB89708-2	Date Sampled:	03/11/15
Matrix:	AQ - Ground Water	Date Received:	03/11/15
Method:	SW846 8270D SW846 3510C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	2.0	0.41	ug/l	
218-01-9	Chrysene	ND	1.0	0.16	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.42	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.43	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	0.41	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.38	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.32	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.26	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	0.56	ug/l	
123-91-1	1,4-Dioxane	ND	1.0	0.72	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.28	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.23	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.58	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.25	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.23	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.26	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	0.55	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.16	ug/l	
86-73-7	Fluorene	ND	1.0	0.27	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.46	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.39	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	0.48	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.29	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.40	ug/l	
78-59-1	Isophorone	ND	2.0	0.34	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.29	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	0.32	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	0.26	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.30	ug/l	
91-20-3	Naphthalene	ND	1.0	0.27	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.52	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.38	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.21	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.19	ug/l	
129-00-0	Pyrene	ND	1.0	0.19	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.44	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	37%		12-110%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	JB89708-3	Date Sampled:	03/11/15
Matrix:	AQ - Ground Water	Date Received:	03/11/15
Method:	SW846 8270D SW846 3510C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P93888.D	1	03/17/15	SD	03/16/15	OP82372	EP4048
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	1.3	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	1.3	ug/l	
120-83-2	2,4-Dichlorophenol	ND	2.0	1.6	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	1.8	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	6.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	1.3	ug/l	
95-48-7	2-Methylphenol	ND	2.0	1.3	ug/l	
	3&4-Methylphenol	ND	2.0	1.1	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	10	0.91	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.4	ug/l	
108-95-2	Phenol	ND	2.0	0.55	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	1.4	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	1.7	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	1.5	ug/l	
83-32-9	Acenaphthene	0.88	1.0	0.30	ug/l	J
208-96-8	Acenaphthylene	ND	1.0	0.20	ug/l	
98-86-2	Acetophenone	ND	2.0	0.36	ug/l	
120-12-7	Anthracene	ND	1.0	0.19	ug/l	
1912-24-9	Atrazine	ND	2.0	0.42	ug/l	
100-52-7	Benzaldehyde	ND	5.0	0.67	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.22	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.24	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.22	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.31	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.22	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.25	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.22	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.27	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.34	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.30	ug/l	
86-74-8	Carbazole	ND	1.0	0.17	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	JB89708-3	Date Sampled:	03/11/15
Matrix:	AQ - Ground Water	Date Received:	03/11/15
Method:	SW846 8270D SW846 3510C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	2.0	0.41	ug/l	
218-01-9	Chrysene	ND	1.0	0.16	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.42	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.43	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.0	0.41	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.38	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.32	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.26	ug/l	
91-94-1	3,3'-Dichlorobenzidine	~~ND~~	2.0	0.56	ug/l	R
123-91-1	1,4-Dioxane	ND	1.0	0.72	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.28	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.23	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.58	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.25	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.23	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.26	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	0.55	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.16	ug/l	
86-73-7	Fluorene	ND	1.0	0.27	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.46	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.39	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	0.48	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.29	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.40	ug/l	
78-59-1	Isophorone	ND	2.0	0.34	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.29	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	0.32	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	0.26	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.30	ug/l	
91-20-3	Naphthalene	ND	1.0	0.27	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.52	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.38	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.21	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.19	ug/l	
129-00-0	Pyrene	ND	1.0	0.19	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.44	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	39%		12-110%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-X (MW-2)		
Lab Sample ID:	JB89708-4	Date Sampled:	03/11/15
Matrix:	AQ - Ground Water	Date Received:	03/11/15
Method:	SW846 8270D SW846 3510C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P93889.D	1	03/17/15	SD	03/16/15	OP82372	EP4048
Run #2							

	Initial Volume	Final Volume
Run #1	960 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.2	1.3	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.2	1.4	ug/l	
120-83-2	2,4-Dichlorophenol	ND	2.1	1.7	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.2	1.9	ug/l	
51-28-5	2,4-Dinitrophenol	ND	21	6.8	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	21	1.4	ug/l	
95-48-7	2-Methylphenol	ND	2.1	1.3	ug/l	
	3&4-Methylphenol	ND	2.1	1.1	ug/l	
88-75-5	2-Nitrophenol	ND	5.2	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	10	0.94	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.4	ug/l	
108-95-2	Phenol	ND	2.1	0.57	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.2	1.5	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.2	1.8	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.2	1.6	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.31	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.21	ug/l	
98-86-2	Acetophenone	0.66	2.1	0.38	ug/l	J
120-12-7	Anthracene	ND	1.0	0.20	ug/l	
1912-24-9	Atrazine	ND	2.1	0.44	ug/l	
100-52-7	Benzaldehyde	ND	5.2	0.70	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.23	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.25	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.23	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.32	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.23	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.1	0.26	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.1	0.23	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.29	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.1	0.36	ug/l	
106-47-8	4-Chloroaniline	ND	5.2	0.31	ug/l	
86-74-8	Carbazole	ND	1.0	0.18	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

3/17/15

Report of Analysis

Client Sample ID:	MW-X (MW-2)		
Lab Sample ID:	JB89708-4	Date Sampled:	03/11/15
Matrix:	AQ - Ground Water	Date Received:	03/11/15
Method:	SW846 8270D SW846 3510C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	2.1	0.42	ug/l	
218-01-9	Chrysene	ND	1.0	0.17	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.1	0.44	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.1	0.45	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.1	0.42	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.1	0.40	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.33	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.27	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.1	0.58	ug/l	
123-91-1	1,4-Dioxane	ND	1.0	0.74	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.29	ug/l	
132-64-9	Dibenzofuran	ND	5.2	0.24	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.1	0.61	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.1	0.26	ug/l	
84-66-2	Diethyl phthalate	ND	2.1	0.24	ug/l	
131-11-3	Dimethyl phthalate	ND	2.1	0.27	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.1	0.58	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.17	ug/l	
86-73-7	Fluorene	ND	1.0	0.28	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.48	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.40	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	0.50	ug/l	
67-72-1	Hexachloroethane	ND	2.1	0.30	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.42	ug/l	
78-59-1	Isophorone	ND	2.1	0.35	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.30	ug/l	
88-74-4	2-Nitroaniline	ND	5.2	0.33	ug/l	
99-09-2	3-Nitroaniline	ND	5.2	0.27	ug/l	
100-01-6	4-Nitroaniline	ND	5.2	0.31	ug/l	
91-20-3	Naphthalene	ND	1.0	0.28	ug/l	
98-95-3	Nitrobenzene	ND	2.1	0.54	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.1	0.39	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.2	0.21	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.19	ug/l	
129-00-0	Pyrene	ND	1.0	0.20	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.1	0.46	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	38%		12-110%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

for V 4/3/15

Accutest Laboratories

Report of Analysis

Client Sample ID:	FB20150311		
Lab Sample ID:	JB89708-6	Date Sampled:	03/11/15
Matrix:	AQ - Field Blank Water	Date Received:	03/11/15
Method:	SW846 8270D SW846 3510C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P93890.D	1	03/17/15	SD	03/16/15	OP82372	EP4048
Run #2							

	Initial Volume	Final Volume
Run #1	950 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.3	1.3	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.3	1.4	ug/l	
120-83-2	2,4-Dichlorophenol	ND	2.1	1.7	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.3	1.9	ug/l	
51-28-5	2,4-Dinitrophenol	ND	21	6.9	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	21	1.4	ug/l	
95-48-7	2-Methylphenol	ND	2.1	1.3	ug/l	
	3&4-Methylphenol	ND	2.1	1.1	ug/l	
88-75-5	2-Nitrophenol	ND	5.3	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	11	0.95	ug/l	
87-86-5	Pentachlorophenol	ND	11	1.4	ug/l	
108-95-2	Phenol	ND	2.1	0.58	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.3	1.5	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.3	1.8	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.3	1.6	ug/l	
83-32-9	Acenaphthene	ND	1.1	0.31	ug/l	
208-96-8	Acenaphthylene	ND	1.1	0.21	ug/l	
98-86-2	Acetophenone	ND	2.1	0.38	ug/l	
120-12-7	Anthracene	ND	1.1	0.20	ug/l	
1912-24-9	Atrazine	ND	2.1	0.45	ug/l	
100-52-7	Benzaldehyde	ND	5.3	0.71	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.1	0.23	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.1	0.25	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.1	0.23	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.1	0.33	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.1	0.23	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.1	0.26	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.1	0.23	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.1	0.29	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.1	0.36	ug/l	
106-47-8	4-Chloroaniline	ND	5.3	0.32	ug/l	
86-74-8	Carbazole	ND	1.1	0.18	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FB20150311		
Lab Sample ID:	JB89708-6	Date Sampled:	03/11/15
Matrix:	AQ - Field Blank Water	Date Received:	03/11/15
Method:	SW846 8270D SW846 3510C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	2.1	0.43	ug/l	
218-01-9	Chrysene	ND	1.1	0.17	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.1	0.44	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.1	0.46	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	2.1	0.43	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.1	0.40	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.1	0.34	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.1	0.27	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.1	0.59	ug/l	
123-91-1	1,4-Dioxane	ND	1.1	0.75	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.1	0.29	ug/l	
132-64-9	Dibenzofuran	ND	5.3	0.24	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.1	0.61	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.1	0.26	ug/l	
84-66-2	Diethyl phthalate	ND	2.1	0.25	ug/l	
131-11-3	Dimethyl phthalate	ND	2.1	0.28	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.1	0.58	ug/l	
206-44-0	Fluoranthene	ND	1.1	0.17	ug/l	
86-73-7	Fluorene	ND	1.1	0.29	ug/l	
118-74-1	Hexachlorobenzene	ND	1.1	0.48	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.1	0.41	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	11	0.51	ug/l	
67-72-1	Hexachloroethane	ND	2.1	0.30	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.1	0.42	ug/l	
78-59-1	Isophorone	ND	2.1	0.36	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.1	0.31	ug/l	
88-74-4	2-Nitroaniline	ND	5.3	0.33	ug/l	
99-09-2	3-Nitroaniline	ND	5.3	0.28	ug/l	
100-01-6	4-Nitroaniline	ND	5.3	0.32	ug/l	
91-20-3	Naphthalene	ND	1.1	0.28	ug/l	
98-95-3	Nitrobenzene	ND	2.1	0.55	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.1	0.40	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.3	0.22	ug/l	
85-01-8	Phenanthrene	ND	1.1	0.19	ug/l	
129-00-0	Pyrene	ND	1.1	0.20	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.1	0.47	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	45%		12-110%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@841363 10:44 06-Mar-2015

Report of Analysis

Client Sample ID:	SS-1		
Lab Sample ID:	JB88569-2	Date Sampled:	02/19/15
Matrix:	SO - Soil	Date Received:	02/20/15
Method:	SW846 8081B SW846 3546	Percent Solids:	79.8
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G109446.D	1	02/24/15	KJ	02/24/15	OP81980	G1G3602
Run #2	1G109488.D	100	02/25/15	KJ	02/24/15	OP81980	G1G3603
Run #3	1G109516.D	200	02/26/15	YD	02/24/15	OP81980	G1G3604

	Initial Weight	Final Volume
Run #1	16.7 g	10.0 ml
Run #2	16.7 g	10.0 ml
Run #3	16.7 g	10.0 ml

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin [a]	23.1	0.75	0.35	ug/kg	J
319-84-6	alpha-BHC	ND	0.75	0.22	ug/kg	
319-85-7	beta-BHC	ND	0.75	0.47	ug/kg	
319-86-8	delta-BHC	ND	0.75	0.37	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.75	0.37	ug/kg	
5103-71-9	alpha-Chlordane	2340 [b]	75	28	ug/kg	JD
5103-74-2	gamma-Chlordane	3330 [b]	75	52	ug/kg	D
60-57-1	Dieldrin	7220 [e]	150	59	ug/kg	D
72-54-8	4,4'-DDD	144 [b]	75	41	ug/kg	JD
72-55-9	4,4'-DDE	1250 [b]	75	30	ug/kg	D
50-29-3	4,4'-DDT	1190 [b]	75	37	ug/kg	D
72-20-8	Endrin	168 [b]	75	24	ug/kg	D
1031-07-8	Endosulfan sulfate	ND	0.75	0.32	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.75	0.39	ug/kg	
959-98-8	Endosulfan-I	ND	0.75	0.28	ug/kg	
33213-65-9	Endosulfan-II	ND	0.75	0.45	ug/kg	
76-44-8	Heptachlor	1520 [b]	75	37	ug/kg	D
1024-57-3	Heptachlor epoxide [a]	322 [b]	75	28	ug/kg	JD
72-43-5	Methoxychlor	ND	1.5	0.73	ug/kg	
53494-70-5	Endrin ketone	ND	0.75	0.31	ug/kg	
8001-35-2	Toxaphene	ND	19	9.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Run# 3	Limits
877-09-8	Tetrachloro-m-xylene	106%	0% [d]	0% [d]	10-129%
877-09-8	Tetrachloro-m-xylene	128%	0% [d]	0% [d]	10-129%
2051-24-3	Decachlorobiphenyl	87%	0% [d]	0% [d]	10-144%
2051-24-3	Decachlorobiphenyl	92%	0% [d]	0% [d]	10-144%

(a) More than 40 % RPD for detected concentrations between the two GC columns.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

JK 4/15/15

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-1 (0-2)		
Lab Sample ID:	JB88935-1	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8081B SW846 3546	Percent Solids:	70.6
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G53977.D	1	03/03/15	YD	03/02/15	OP82082	G4G1399
Run #2	4G54005.D	100	03/04/15	KJ	03/02/15	OP82082	G4G1400
Run #3	4G54029.D	500	03/04/15	KJ	03/02/15	OP82082	G4G1400

	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2	15.1 g	10.0 ml
Run #3	15.1 g	10.0 ml

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.94	0.43	ug/kg	
319-84-6	alpha-BHC	ND	0.94	0.28	ug/kg	
319-85-7	beta-BHC	ND	0.94	0.58	ug/kg	
319-86-8	delta-BHC	ND	0.94	0.46	ug/kg	
58-89-9	gamma-BHC (Lindane)	253 a	94	46	ug/kg	D
5103-71-9	alpha-Chlordane [b]	19400 c	470	170	ug/kg	JD
5103-74-2	gamma-Chlordane	21600 c	470	320	ug/kg	D
60-57-1	Dieldrin	8930 c	470	180	ug/kg	D
72-54-8	4,4'-DDD	7320 c	470	260	ug/kg	D
72-55-9	4,4'-DDE	2710 a	94	38	ug/kg	D
50-29-3	4,4'-DDT	ND	0.94	0.46	ug/kg	
72-20-8	Endrin	817 a	94	30	ug/kg	D
1031-07-8	Endosulfan sulfate	ND	0.94	0.40	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.94	0.49	ug/kg	
959-98-8	Endosulfan-I	ND	0.94	0.36	ug/kg	
33213-65-9	Endosulfan-II	ND	0.94	0.56	ug/kg	
76-44-8	Heptachlor	ND	0.94	0.46	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.94	0.35	ug/kg	
72-43-5	Methoxychlor	ND	1.9	0.92	ug/kg	
53494-70-5	Endrin ketone	ND	0.94	0.38	ug/kg	
8001-35-2	Toxaphene	ND	23	12	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Run# 3	Limits
877-09-8	Tetrachloro-m-xylene	34%	0% [d]	0% [d]	10-129%
877-09-8	Tetrachloro-m-xylene	103%	0% [d]	0% [d]	10-129%
2051-24-3	Decachlorobiphenyl	95%	0% [d]	0% [d]	10-144%
2051-24-3	Decachlorobiphenyl	251% [e]	0% [d]	0% [d]	10-144%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

4/5/15

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-1 (5-7)		
Lab Sample ID:	JB88935-2	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8081B SW846 3546	Percent Solids:	78.5
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G53978.D	1	03/03/15	YD	03/02/15	OP82082	G4G1399
Run #2	4G54006.D	100	03/04/15	KJ	03/02/15	OP82082	G4G1400
Run #3	4G54030.D	500	03/04/15	KJ	03/02/15	OP82082	G4G1400

	Initial Weight	Final Volume
Run #1	16.1 g	10.0 ml
Run #2	16.1 g	10.0 ml
Run #3	16.1 g	10.0 ml

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.79	0.36	ug/kg	
319-84-6	alpha-BHC	ND	0.79	0.24	ug/kg	
319-85-7	beta-BHC	ND	0.79	0.49	ug/kg	
319-86-8	delta-BHC	ND	0.79	0.39	ug/kg	
58-89-9	gamma-BHC (Lindane)	958 a	79	39	ug/kg	D
5103-71-9	alpha-Chlordane [b]	13600 e	400	150	ug/kg	JD
5103-74-2	gamma-Chlordane	15200 e	400	270	ug/kg	D
60-57-1	Dieldrin	20300 e	400	150	ug/kg	D
72-54-8	4,4'-DDD	7280 d	79	43	ug/kg	D
72-55-9	4,4'-DDE	1030 d	79	32	ug/kg	D
50-29-3	4,4'-DDT	ND	0.79	0.39	ug/kg	
72-20-8	Endrin	834 a	79	26	ug/kg	D
1031-07-8	Endosulfan sulfate	ND	0.79	0.34	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.79	0.41	ug/kg	
959-98-8	Endosulfan-I	ND	0.79	0.30	ug/kg	
33213-65-9	Endosulfan-II	ND	0.79	0.47	ug/kg	
76-44-8	Heptachlor	ND	0.79	0.39	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.79	0.30	ug/kg	
72-43-5	Methoxychlor	ND	1.6	0.77	ug/kg	
53494-70-5	Endrin ketone	453 a	79	32	ug/kg	JD
8001-35-2	Toxaphene	ND	20	10	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Run# 3	Limits
877-09-8	Tetrachloro-m-xylene	64%	0% [d]	0% [d]	10-129%
877-09-8	Tetrachloro-m-xylene	61%	0% [d]	0% [d]	10-129%
2051-24-3	Decachlorobiphenyl	79%	0% [d]	0% [d]	10-144%
2051-24-3	Decachlorobiphenyl	163% [e]	0% [d]	0% [d]	10-144%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

4/15/15

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-1 (7-9)		
Lab Sample ID:	JB88935-3	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8081B SW846 3546	Percent Solids:	78.0
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G53979.D	1	03/03/15	YD	03/02/15	OP82082	G4G1399
Run #2	4G54007.D	100	03/04/15	KJ	03/02/15	OP82082	G4G1400
Run #3	4G54031.D	500	03/04/15	KJ	03/02/15	OP82082	G4G1400

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2	15.3 g	10.0 ml
Run #3	15.3 g	10.0 ml

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.84	0.39	ug/kg	
319-84-6	alpha-BHC	ND	0.84	0.25	ug/kg	
319-85-7	beta-BHC	ND	0.84	0.52	ug/kg	
319-86-8	delta-BHC	ND	0.84	0.41	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.84	0.41	ug/kg	
5103-71-9	alpha-Chlordane [a]	8330 b	420	160	ug/kg	J D
5103-74-2	gamma-Chlordane	9150 b	420	290	ug/kg	D
60-57-1	Dieldrin	3210 c	84	33	ug/kg	D
72-54-8	4,4'-DDD	2150 c	84	46	ug/kg	D
72-55-9	4,4'-DDE	530 c	84	34	ug/kg	D
50-29-3	4,4'-DDT	ND	0.84	0.41	ug/kg	
72-20-8	Endrin	330 c	84	27	ug/kg	D
1031-07-8	Endosulfan sulfate	ND	0.84	0.36	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.84	0.44	ug/kg	
959-98-8	Endosulfan-I	ND	0.84	0.32	ug/kg	
33213-65-9	Endosulfan-II	ND	0.84	0.50	ug/kg	
76-44-8	Heptachlor	938 c	84	41	ug/kg	D
1024-57-3	Heptachlor epoxide	ND	0.84	0.31	ug/kg	
72-43-5	Methoxychlor	ND	1.7	0.82	ug/kg	
53494-70-5	Endrin ketone	43.1	0.84	0.34	ug/kg	
8001-35-2	Toxaphene	ND	21	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Run# 3	Limits
877-09-8	Tetrachloro-m-xylene	86%	0% d	0% d	10-129%
877-09-8	Tetrachloro-m-xylene	96%	0% d	0% d	10-129%
2051-24-3	Decachlorobiphenyl	76%	0% d	0% d	10-144%
2051-24-3	Decachlorobiphenyl	118%	0% d	0% d	10-144%

(a) More than 40 % RPD for detected concentrations between the two GC columns.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

for 4/5/15

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-2 (0-2)		
Lab Sample ID:	JB88935-4	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8081B SW846 3546	Percent Solids:	91.5
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G53980.D	1	03/03/15	YD	03/02/15	OP82082	G4G1399
Run #2							

	Initial Weight	Final Volume
Run #1	15.8 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.69	0.32	ug/kg	
319-84-6	alpha-BHC	ND	0.69	0.21	ug/kg	
319-85-7	beta-BHC	ND	0.69	0.43	ug/kg	
319-86-8	delta-BHC	ND	0.69	0.34	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.69	0.34	ug/kg	
5103-71-9	alpha-Chlordane	2.2	0.69	0.26	ug/kg	
5103-74-2	gamma-Chlordane	2.7	0.69	0.48	ug/kg	
60-57-1	Dieldrin	1.1	0.69	0.27	ug/kg	J
72-54-8	4,4'-DDD	1.2	0.69	0.38	ug/kg	
72-55-9	4,4'-DDE	1.9	0.69	0.28	ug/kg	
50-29-3	4,4'-DDT	ND	0.69	0.34	ug/kg	
72-20-8	Endrin	ND	0.69	0.22	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.69	0.30	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.69	0.36	ug/kg	
959-98-8	Endosulfan-I	ND	0.69	0.26	ug/kg	
33213-65-9	Endosulfan-II	ND	0.69	0.41	ug/kg	
76-44-8	Heptachlor	ND	0.69	0.34	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.69	0.26	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.68	ug/kg	
53494-70-5	Endrin ketone	ND	0.69	0.28	ug/kg	
8001-35-2	Toxaphene	ND	17	8.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	108%		10-129%
877-09-8	Tetrachloro-m-xylene	108%		10-129%
2051-24-3	Decachlorobiphenyl	73%		10-144%
2051-24-3	Decachlorobiphenyl	85%		10-144%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-2 (5-7)		
Lab Sample ID:	JB88935-5	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8081B SW846 3546	Percent Solids:	92.0
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G53986.D	1	03/03/15	YD	03/02/15	OP82082	G4G1399
Run #2							

	Initial Weight	Final Volume
Run #1	15.9 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.68	0.31	ug/kg	
319-84-6	alpha-BHC	ND	0.68	0.20	ug/kg	
319-85-7	beta-BHC	ND	0.68	0.43	ug/kg	
319-86-8	delta-BHC	ND	0.68	0.34	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.68	0.33	ug/kg	
5103-71-9	alpha-Chlordane	16.1	0.68	0.25	ug/kg	
5103-74-2	gamma-Chlordane	30.6	0.68	0.47	ug/kg	
60-57-1	Dieldrin	40.5	0.68	0.27	ug/kg	
72-54-8	4,4'-DDD	7.9	0.68	0.37	ug/kg	
72-55-9	4,4'-DDE	61.2	0.68	0.28	ug/kg	
50-29-3	4,4'-DDT	ND	0.68	0.34	ug/kg	
72-20-8	Endrin	ND	0.68	0.22	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.68	0.29	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.68	0.36	ug/kg	
959-98-8	Endosulfan-I	ND	0.68	0.26	ug/kg	
33213-65-9	Endosulfan-II	ND	0.68	0.41	ug/kg	
76-44-8	Heptachlor	0.94	0.68	0.33	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.68	0.26	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.67	ug/kg	
53494-70-5	Endrin ketone	ND	0.68	0.28	ug/kg	
8001-35-2	Toxaphene	ND	17	8.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	102%		10-129%
877-09-8	Tetrachloro-m-xylene	97%		10-129%
2051-24-3	Decachlorobiphenyl	65%		10-144%
2051-24-3	Decachlorobiphenyl	66%		10-144%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-2 (8-10)		
Lab Sample ID:	JB88935-6	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8081B SW846 3546	Percent Solids:	91.5
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G53987.D	1	03/03/15	YD	03/02/15	OP82082	G4G1399
Run #2							

	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.73	0.34	ug/kg	
319-84-6	alpha-BHC	ND	0.73	0.22	ug/kg	
319-85-7	beta-BHC	ND	0.73	0.45	ug/kg	
319-86-8	delta-BHC	ND	0.73	0.36	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.73	0.36	ug/kg	
5103-71-9	alpha-Chlordane	12.3	0.73	0.27	ug/kg	
5103-74-2	gamma-Chlordane	31.2	0.73	0.50	ug/kg	
60-57-1	Dieldrin	16.3	0.73	0.28	ug/kg	
72-54-8	4,4'-DDD	6.8	0.73	0.40	ug/kg	
72-55-9	4,4'-DDE	59.3	0.73	0.29	ug/kg	
50-29-3	4,4'-DDT	ND	0.73	0.36	ug/kg	
72-20-8	Endrin	ND	0.73	0.24	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.73	0.31	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.73	0.38	ug/kg	
959-98-8	Endosulfan-I	ND	0.73	0.28	ug/kg	
33213-65-9	Endosulfan-II	ND	0.73	0.44	ug/kg	
76-44-8	Heptachlor	ND	0.73	0.35	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.73	0.27	ug/kg	
72-43-5	Methoxychlor	ND	1.5	0.71	ug/kg	
53494-70-5	Endrin ketone	ND	0.73	0.30	ug/kg	
8001-35-2	Toxaphene	ND	18	9.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	98%		10-129%
877-09-8	Tetrachloro-m-xylene	92%		10-129%
2051-24-3	Decachlorobiphenyl	89%		10-144%
2051-24-3	Decachlorobiphenyl	82%		10-144%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-X SSB-2 (0-2)		
Lab Sample ID:	JB88935-7	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8081B SW846 3546	Percent Solids:	90.8
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G53988.D	1	03/03/15	YD	03/02/15	OP82082	G4G1399
Run #2							

	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.73	0.34	ug/kg	
319-84-6	alpha-BHC	ND	0.73	0.22	ug/kg	
319-85-7	beta-BHC	ND	0.73	0.46	ug/kg	
319-86-8	delta-BHC	ND	0.73	0.36	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.73	0.36	ug/kg	
5103-71-9	alpha-Chlordane	3.7	0.73	0.27	ug/kg	
5103-74-2	gamma-Chlordane	5.5	0.73	0.51	ug/kg	
60-57-1	Dieldrin	2.6	0.73	0.29	ug/kg	
72-54-8	4,4'-DDD	1.2	0.73	0.40	ug/kg	
72-55-9	4,4'-DDE	2.3	0.73	0.30	ug/kg	
50-29-3	4,4'-DDT	ND	0.73	0.36	ug/kg	
72-20-8	Endrin	ND	0.73	0.24	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.73	0.32	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.73	0.38	ug/kg	
959-98-8	Endosulfan-I	ND	0.73	0.28	ug/kg	
33213-65-9	Endosulfan-II	ND	0.73	0.44	ug/kg	
76-44-8	Heptachlor	ND	0.73	0.36	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.73	0.27	ug/kg	
72-43-5	Methoxychlor	ND	1.5	0.72	ug/kg	
53494-70-5	Endrin ketone	ND	0.73	0.30	ug/kg	
8001-35-2	Toxaphene	ND	18	9.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	118%		10-129%
877-09-8	Tetrachloro-m-xylene	114%		10-129%
2051-24-3	Decachlorobiphenyl	83%		10-144%
2051-24-3	Decachlorobiphenyl	72%		10-144%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-3 (0-2)		
Lab Sample ID:	JB88935-8	Date Sampled:	02/26/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8081B SW846 3546	Percent Solids:	88.3
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G53989.D	1	03/03/15	YD	03/02/15	OP82082	G4G1399
Run #2							

	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.72	0.33	ug/kg	
319-84-6	alpha-BHC	ND	0.72	0.22	ug/kg	
319-85-7	beta-BHC	ND	0.72	0.45	ug/kg	
319-86-8	delta-BHC	ND	0.72	0.36	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.72	0.35	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.72	0.27	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.72	0.50	ug/kg	
60-57-1	Dieldrin	ND	0.72	0.28	ug/kg	
72-54-8	4,4'-DDD	ND	0.72	0.39	ug/kg	
72-55-9	4,4'-DDE	2.6	0.72	0.29	ug/kg	
50-29-3	4,4'-DDT	ND	0.72	0.36	ug/kg	
72-20-8	Endrin	ND	0.72	0.23	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.72	0.31	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.72	0.38	ug/kg	
959-98-8	Endosulfan-I	ND	0.72	0.27	ug/kg	
33213-65-9	Endosulfan-II	ND	0.72	0.43	ug/kg	
76-44-8	Heptachlor	ND	0.72	0.35	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.72	0.27	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.71	ug/kg	
53494-70-5	Endrin ketone	ND	0.72	0.29	ug/kg	
8001-35-2	Toxaphene	ND	18	9.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	97%		10-129%
877-09-8	Tetrachloro-m-xylene	93%		10-129%
2051-24-3	Decachlorobiphenyl	71%		10-144%
2051-24-3	Decachlorobiphenyl	70%		10-144%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-3 (5-7)		
Lab Sample ID:	JB88935-9	Date Sampled:	02/26/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8081B SW846 3546	Percent Solids:	87.6
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G53990.D	1	03/03/15	YD	03/02/15	OP82082	G4G1399
Run #2							

	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.73	0.33	ug/kg	
319-84-6	alpha-BHC	ND	0.73	0.22	ug/kg	
319-85-7	beta-BHC	ND	0.73	0.45	ug/kg	
319-86-8	delta-BHC	ND	0.73	0.36	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.73	0.36	ug/kg	
5103-71-9	alpha-Chlordane	1.6	0.73	0.27	ug/kg	
5103-74-2	gamma-Chlordane [a]	2.6	0.73	0.50	ug/kg	J
60-57-1	Dieldrin	2.8	0.73	0.28	ug/kg	
72-54-8	4,4'-DDD	ND	0.73	0.40	ug/kg	
72-55-9	4,4'-DDE	20.2	0.73	0.29	ug/kg	
50-29-3	4,4'-DDT	ND	0.73	0.36	ug/kg	
72-20-8	Endrin	ND	0.73	0.24	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.73	0.31	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.73	0.38	ug/kg	
959-98-8	Endosulfan-I	ND	0.73	0.28	ug/kg	
33213-65-9	Endosulfan-II	ND	0.73	0.44	ug/kg	
76-44-8	Heptachlor	ND	0.73	0.35	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.73	0.27	ug/kg	
72-43-5	Methoxychlor	ND	1.5	0.71	ug/kg	
53494-70-5	Endrin ketone	ND	0.73	0.30	ug/kg	
8001-35-2	Toxaphene	ND	18	9.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	108%		10-129%
877-09-8	Tetrachloro-m-xylene	98%		10-129%
2051-24-3	Decachlorobiphenyl	88%		10-144%
2051-24-3	Decachlorobiphenyl	71%		10-144%

(a) More than 40 % RPD for detected concentrations between the two GC columns.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-3 (7.5-9.5)		
Lab Sample ID:	JB88935-10	Date Sampled:	02/26/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8081B SW846 3546	Percent Solids:	89.2
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G53991.D	1	03/03/15	YD	03/02/15	OP82082	G4G1399
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.73	0.34	ug/kg	
319-84-6	alpha-BHC	ND	0.73	0.22	ug/kg	
319-85-7	beta-BHC	ND	0.73	0.46	ug/kg	
319-86-8	delta-BHC	ND	0.73	0.36	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.73	0.36	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.73	0.27	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.73	0.51	ug/kg	
60-57-1	Dieldrin	ND	0.73	0.29	ug/kg	
72-54-8	4,4'-DDD	ND	0.73	0.40	ug/kg	
72-55-9	4,4'-DDE	ND	0.73	0.30	ug/kg	
50-29-3	4,4'-DDT	ND	0.73	0.36	ug/kg	
72-20-8	Endrin	ND	0.73	0.24	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.73	0.32	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.73	0.38	ug/kg	
959-98-8	Endosulfan-I	ND	0.73	0.28	ug/kg	
33213-65-9	Endosulfan-II	ND	0.73	0.44	ug/kg	
76-44-8	Heptachlor	ND	0.73	0.36	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.73	0.27	ug/kg	
72-43-5	Methoxychlor	ND	1.5	0.72	ug/kg	
53494-70-5	Endrin ketone	ND	0.73	0.30	ug/kg	
8001-35-2	Toxaphene	ND	18	9.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	106%		10-129%
877-09-8	Tetrachloro-m-xylene	103%		10-129%
2051-24-3	Decachlorobiphenyl	104%		10-144%
2051-24-3	Decachlorobiphenyl	95%		10-144%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	FB20150226		
Lab Sample ID:	JB88935-12	Date Sampled:	02/26/15
Matrix:	AQ - Field Blank Soil	Date Received:	02/26/15
Method:	SW846 8081B SW846 3510C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4G54035.D	1	03/04/15	KJ	03/02/15	OP82097	G4G1400
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	2.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.0067	0.0053	ug/l	
319-84-6	alpha-BHC	ND	0.0067	0.0016	ug/l	
319-85-7	beta-BHC	ND	0.0067	0.0015	ug/l	
319-86-8	delta-BHC	ND	0.0067	0.0012	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.0067	0.0011	ug/l	
5103-71-9	alpha-Chlordane	ND	0.0067	0.0019	ug/l	
5103-74-2	gamma-Chlordane	ND	0.0067	0.0014	ug/l	
60-57-1	Dieldrin	ND	0.0067	0.0011	ug/l	
72-54-8	4,4'-DDD	ND	0.0067	0.0017	ug/l	
72-55-9	4,4'-DDE	ND	0.0067	0.0011	ug/l	
50-29-3	4,4'-DDT	ND	0.0067	0.0021	ug/l	
72-20-8	Endrin	ND	0.0067	0.0013	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.0067	0.0013	ug/l	
7421-93-4	Endrin aldehyde	ND	0.0067	0.0024	ug/l	
53494-70-5	Endrin ketone	ND	0.0067	0.0032	ug/l	
959-98-8	Endosulfan-I	ND	0.0067	0.0019	ug/l	
33213-65-9	Endosulfan-II	ND	0.0067	0.0013	ug/l	
76-44-8	Heptachlor	ND	0.0067	0.0014	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.0067	0.0018	ug/l	
72-43-5	Methoxychlor	ND	0.013	0.0027	ug/l	
8001-35-2	Toxaphene	ND	0.17	0.098	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	64%		26-132%
877-09-8	Tetrachloro-m-xylene	63%		26-132%
2051-24-3	Decachlorobiphenyl	29%		10-118%
2051-24-3	Decachlorobiphenyl	22%		10-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	JB89708-1	Date Sampled:	03/11/15
Matrix:	AQ - Ground Water	Date Received:	03/11/15
Method:	SW846 8081B SW846 3510C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G109967.D	1	03/13/15	KJ	03/13/15	OP82325	G1G3618
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	2.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.0067	0.0053	ug/l	
319-84-6	alpha-BHC	ND	0.0067	0.0016	ug/l	
319-85-7	beta-BHC	ND	0.0067	0.0015	ug/l	
319-86-8	delta-BHC	ND	0.0067	0.0012	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.0067	0.0011	ug/l	
5103-71-9	alpha-Chlordane	ND	0.0067	0.0019	ug/l	
5103-74-2	gamma-Chlordane	ND	0.0067	0.0014	ug/l	
60-57-1	Dieldrin	ND	0.0067	0.0011	ug/l	
72-54-8	4,4'-DDD	ND	0.0067	0.0017	ug/l	
72-55-9	4,4'-DDE	ND	0.0067	0.0011	ug/l	
50-29-3	4,4'-DDT	ND	0.0067	0.0021	ug/l	
72-20-8	Endrin	ND	0.0067	0.0013	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.0067	0.0013	ug/l	
7421-93-4	Endrin aldehyde	ND	0.0067	0.0024	ug/l	
53494-70-5	Endrin ketone	ND	0.0067	0.0032	ug/l	
959-98-8	Endosulfan-I	ND	0.0067	0.0019	ug/l	
33213-65-9	Endosulfan-II	ND	0.0067	0.0013	ug/l	
76-44-8	Heptachlor	ND	0.0067	0.0014	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.0067	0.0018	ug/l	
72-43-5	Methoxychlor	ND	0.013	0.0027	ug/l	
8001-35-2	Toxaphene	ND	0.17	0.098	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	99%		26-132%
877-09-8	Tetrachloro-m-xylene	104%		26-132%
2051-24-3	Decachlorobiphenyl	99%		10-118%
2051-24-3	Decachlorobiphenyl	121% [a]		10-118%

(a) High percent recoveries and no positive found in the sample.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JB89708-2	Date Sampled:	03/11/15
Matrix:	AQ - Ground Water	Date Received:	03/11/15
Method:	SW846 8081B SW846 3510C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G109968.D	1	03/13/15	KJ	03/13/15	OP82325	G1G3618
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	2.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.0067	0.0053	ug/l	
319-84-6	alpha-BHC	ND	0.0067	0.0016	ug/l	
319-85-7	beta-BHC	ND	0.0067	0.0015	ug/l	
319-86-8	delta-BHC	ND	0.0067	0.0012	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.0067	0.0011	ug/l	
5103-71-9	alpha-Chlordane	ND	0.0067	0.0019	ug/l	
5103-74-2	gamma-Chlordane	ND	0.0067	0.0014	ug/l	
60-57-1	Dieldrin	ND	0.0067	0.0011	ug/l	
72-54-8	4,4'-DDD	ND	0.0067	0.0017	ug/l	
72-55-9	4,4'-DDE	ND	0.0067	0.0011	ug/l	
50-29-3	4,4'-DDT	ND	0.0067	0.0021	ug/l	
72-20-8	Endrin	ND	0.0067	0.0013	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.0067	0.0013	ug/l	
7421-93-4	Endrin aldehyde	ND	0.0067	0.0024	ug/l	
53494-70-5	Endrin ketone	ND	0.0067	0.0032	ug/l	
959-98-8	Endosulfan-I	ND	0.0067	0.0019	ug/l	
33213-65-9	Endosulfan-II	ND	0.0067	0.0013	ug/l	
76-44-8	Heptachlor	ND	0.0067	0.0014	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.0067	0.0018	ug/l	
72-43-5	Methoxychlor	ND	0.013	0.0027	ug/l	
8001-35-2	Toxaphene	ND	0.17	0.098	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	93%		26-132%
877-09-8	Tetrachloro-m-xylene	87%		26-132%
2051-24-3	Decachlorobiphenyl	62%		10-118%
2051-24-3	Decachlorobiphenyl	63%		10-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	JB89708-3	Date Sampled:	03/11/15
Matrix:	AQ - Ground Water	Date Received:	03/11/15
Method:	SW846 8081B SW846 3510C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G109969.D	1	03/13/15	KJ	03/13/15	OP82325	G1G3618
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	2.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.0067	0.0053	ug/l	
319-84-6	alpha-BHC	ND	0.0067	0.0016	ug/l	
319-85-7	beta-BHC	ND	0.0067	0.0015	ug/l	
319-86-8	delta-BHC	ND	0.0067	0.0012	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.0067	0.0011	ug/l	
5103-71-9	alpha-Chlordane	ND	0.0067	0.0019	ug/l	
5103-74-2	gamma-Chlordane	ND	0.0067	0.0014	ug/l	
60-57-1	Dieldrin	ND	0.0067	0.0011	ug/l	
72-54-8	4,4'-DDD	ND	0.0067	0.0017	ug/l	
72-55-9	4,4'-DDE	ND	0.0067	0.0011	ug/l	
50-29-3	4,4'-DDT	ND	0.0067	0.0021	ug/l	
72-20-8	Endrin	ND	0.0067	0.0013	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.0067	0.0013	ug/l	
7421-93-4	Endrin aldehyde	ND	0.0067	0.0024	ug/l	
53494-70-5	Endrin ketone	ND	0.0067	0.0032	ug/l	
959-98-8	Endosulfan-I	ND	0.0067	0.0019	ug/l	
33213-65-9	Endosulfan-II	ND	0.0067	0.0013	ug/l	
76-44-8	Heptachlor	ND	0.0067	0.0014	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.0067	0.0018	ug/l	
72-43-5	Methoxychlor	ND	0.013	0.0027	ug/l	
8001-35-2	Toxaphene	ND	0.17	0.098	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	82%		26-132%
877-09-8	Tetrachloro-m-xylene	87%		26-132%
2051-24-3	Decachlorobiphenyl	70%		10-118%
2051-24-3	Decachlorobiphenyl	89%		10-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Raw Data: 1G109970.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-X (MW-2)		
Lab Sample ID:	JB89708-4	Date Sampled:	03/11/15
Matrix:	AQ - Ground Water	Date Received:	03/11/15
Method:	SW846 8081B SW846 3510C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G109970.D	1	03/13/15	KJ	03/13/15	OP82325	G1G3618
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	2.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.0067	0.0053	ug/l	
319-84-6	alpha-BHC	ND	0.0067	0.0016	ug/l	
319-85-7	beta-BHC	ND	0.0067	0.0015	ug/l	
319-86-8	delta-BHC	ND	0.0067	0.0012	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.0067	0.0011	ug/l	
5103-71-9	alpha-Chlordane	ND	0.0067	0.0019	ug/l	
5103-74-2	gamma-Chlordane	ND	0.0067	0.0014	ug/l	
60-57-1	Dieldrin	ND	0.0067	0.0011	ug/l	
72-54-8	4,4'-DDD	ND	0.0067	0.0017	ug/l	
72-55-9	4,4'-DDE	ND	0.0067	0.0011	ug/l	
50-29-3	4,4'-DDT	ND	0.0067	0.0021	ug/l	
72-20-8	Endrin	ND	0.0067	0.0013	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.0067	0.0013	ug/l	
7421-93-4	Endrin aldehyde	ND	0.0067	0.0024	ug/l	
53494-70-5	Endrin ketone	ND	0.0067	0.0032	ug/l	
959-98-8	Endosulfan-I	ND	0.0067	0.0019	ug/l	
33213-65-9	Endosulfan-II	ND	0.0067	0.0013	ug/l	
76-44-8	Heptachlor	ND	0.0067	0.0014	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.0067	0.0018	ug/l	
72-43-5	Methoxychlor	ND	0.013	0.0027	ug/l	
8001-35-2	Toxaphene	ND	0.17	0.098	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	94%		26-132%
877-09-8	Tetrachloro-m-xylene	87%		26-132%
2051-24-3	Decachlorobiphenyl	79%		10-118%
2051-24-3	Decachlorobiphenyl	84%		10-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

4/13/15

Accutest Laboratories

Report of Analysis

Client Sample ID:	FB20150311		
Lab Sample ID:	JB89708-6	Date Sampled:	03/11/15
Matrix:	AQ - Field Blank Water	Date Received:	03/11/15
Method:	SW846 8081B SW846 3510C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G109971.D	1	03/13/15	KJ	03/13/15	OP82325	G1G3618
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	2.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.0067	0.0053	ug/l	
319-84-6	alpha-BHC	ND	0.0067	0.0016	ug/l	
319-85-7	beta-BHC	ND	0.0067	0.0015	ug/l	
319-86-8	delta-BHC	ND	0.0067	0.0012	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.0067	0.0011	ug/l	
5103-71-9	alpha-Chlordane	ND	0.0067	0.0019	ug/l	
5103-74-2	gamma-Chlordane	ND	0.0067	0.0014	ug/l	
60-57-1	Dieldrin	ND	0.0067	0.0011	ug/l	
72-54-8	4,4'-DDD	ND	0.0067	0.0017	ug/l	
72-55-9	4,4'-DDE	ND	0.0067	0.0011	ug/l	
50-29-3	4,4'-DDT	ND	0.0067	0.0021	ug/l	
72-20-8	Endrin	ND	0.0067	0.0013	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.0067	0.0013	ug/l	
7421-93-4	Endrin aldehyde	ND	0.0067	0.0024	ug/l	
53494-70-5	Endrin ketone	ND	0.0067	0.0032	ug/l	
959-98-8	Endosulfan-I	ND	0.0067	0.0019	ug/l	
33213-65-9	Endosulfan-II	ND	0.0067	0.0013	ug/l	
76-44-8	Heptachlor	ND	0.0067	0.0014	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.0067	0.0018	ug/l	
72-43-5	Methoxychlor	ND	0.013	0.0027	ug/l	
8001-35-2	Toxaphene	ND	0.17	0.098	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	93%		26-132%
877-09-8	Tetrachloro-m-xylene	88%		26-132%
2051-24-3	Decachlorobiphenyl	73%		10-118%
2051-24-3	Decachlorobiphenyl	78%		10-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest LabLink@841363 10:44 06-Mar-2015

Report of Analysis

Client Sample ID:	SS-1		
Lab Sample ID:	JB88569-2	Date Sampled:	02/19/15
Matrix:	SO - Soil	Date Received:	02/20/15
Method:	SW846 8082A SW846 3546	Percent Solids:	79.8
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX166935.D	1	02/24/15	JR	02/24/15	OP81975	GXX5268
Run #2							

	Initial Weight	Final Volume
Run #1	16.7 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	38	9.8	ug/kg	
11104-28-2	Aroclor 1221	ND	38	23	ug/kg	
11141-16-5	Aroclor 1232	ND	38	19	ug/kg	
53469-21-9	Aroclor 1242	ND	38	12	ug/kg	
12672-29-6	Aroclor 1248	ND	38	11	ug/kg	
11097-69-1	Aroclor 1254	ND	38	18	ug/kg	
11096-82-5	Aroclor 1260	ND	38	12	ug/kg	
11100-14-4	Aroclor 1268	ND	38	11	ug/kg	
37324-23-5	Aroclor 1262 [a]	451	38	12	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	90%		14-139%
877-09-8	Tetrachloro-m-xylene	92%		14-139%
2051-24-3	Decachlorobiphenyl	99%		10-155%
2051-24-3	Decachlorobiphenyl	91%		10-155%

(a) Reported from 2nd signal. %D of check on 1st signal excess method criteria (20 %) so using for confirmation only.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Raw Data: XX167111.D XX167120.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-1 (0-2)		
Lab Sample ID:	JB88935-1	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8082A SW846 3546	Percent Solids:	70.6
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX167111.D	1	03/02/15	JN	03/02/15	OP82081	GXX5273
Run #2	XX167120.D	20	03/02/15	JN	03/02/15	OP82081	GXX5273

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2	15.3 g	10.0 ml

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	46	12	ug/kg	
11104-28-2	Aroclor 1221	ND	46	28	ug/kg	
11141-16-5	Aroclor 1232	ND	46	23	ug/kg	
53469-21-9	Aroclor 1242	ND	46	15	ug/kg	
12672-29-6	Aroclor 1248	ND	46	14	ug/kg	
11097-69-1	Aroclor 1254	ND	46	22	ug/kg	
11096-82-5	Aroclor 1260	ND	46	15	ug/kg	
11100-14-4	Aroclor 1268	ND	46	14	ug/kg	
37324-23-5	Aroclor 1262 [a]	14700 [b]	930	290	ug/kg	D

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	125%	59%	14-139%
877-09-8	Tetrachloro-m-xylene	90%	37%	14-139%
2051-24-3	Decachlorobiphenyl	280% [c]	84%	10-155%
2051-24-3	Decachlorobiphenyl	126%	139%	10-155%

(a) Reported from 1st signal. %D of check on 2nd signal excess method criteria (20 %) so using for confirmation only.
(b) Result is from Run# 2
(c) Outside control limits due to matrix interference.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

4/15/15

Raw Data: XX167110.D XX167119.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-1 (5-7)		
Lab Sample ID:	JB88935-2	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8082A SW846 3546	Percent Solids:	78.5
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX167110.D	1	03/02/15	JN	03/02/15	OP82081	GXX5273
Run #2	XX167119.D	5	03/02/15	JN	03/02/15	OP82081	GXX5273

	Initial Weight	Final Volume
Run #1	15.8 g	10.0 ml
Run #2	15.8 g	10.0 ml

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	40	10	ug/kg	
11104-28-2	Aroclor 1221	ND	40	24	ug/kg	
11141-16-5	Aroclor 1232	ND	40	20	ug/kg	
53469-21-9	Aroclor 1242	ND	40	13	ug/kg	
12672-29-6	Aroclor 1248	ND	40	12	ug/kg	
11097-69-1	Aroclor 1254	ND	40	19	ug/kg	
11096-82-5	Aroclor 1260	ND	40	13	ug/kg	
11100-14-4	Aroclor 1268	ND	40	12	ug/kg	
37324-23-5	Aroclor 1262 [a]	3030 [b]	200	64	ug/kg	JD

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	131%	103%	14-139%
877-09-8	Tetrachloro-m-xylene	120%	65%	14-139%
2051-24-3	Decachlorobiphenyl	326% [c]	166% [c]	10-155%
2051-24-3	Decachlorobiphenyl	199% [c]	166% [c]	10-155%

(a) Reported from 1st signal. %D of check on 2nd signal excess method criteria (20 %) so using for confirmation only.
(b) Result is from Run# 2
(c) Outside control limits due to matrix interference.

4/15/15

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-1 (7-9)		
Lab Sample ID:	JB88935-3	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8082A SW846 3546	Percent Solids:	78.0
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX167109.D	1	03/02/15	JN	03/02/15	OP82081	GXX5273
Run #2							

	Initial Weight	Final Volume
Run #1	15.9 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	40	10	ug/kg	
11104-28-2	Aroclor 1221	ND	40	24	ug/kg	
11141-16-5	Aroclor 1232	ND	40	20	ug/kg	
53469-21-9	Aroclor 1242	ND	40	13	ug/kg	
12672-29-6	Aroclor 1248	ND	40	12	ug/kg	
11097-69-1	Aroclor 1254	ND	40	19	ug/kg	
11096-82-5	Aroclor 1260	ND	40	13	ug/kg	
11100-14-4	Aroclor 1268	ND	40	12	ug/kg	
37324-23-5	Aroclor 1262 [a]	485	40	13	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	74%		14-139%
877-09-8	Tetrachloro-m-xylene	87%		14-139%
2051-24-3	Decachlorobiphenyl	143%		10-155%
2051-24-3	Decachlorobiphenyl	101%		10-155%

(a) More than 40 % RPD for detected concentrations between the two GC columns.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-2 (0-2)		
Lab Sample ID:	JB88935-4	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8082A SW846 3546	Percent Solids:	91.5
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX167138.D	1	03/03/15	JN	03/02/15	OP82081	GXX5274
Run #2							

	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	36	9.5	ug/kg	
11104-28-2	Aroclor 1221	ND	36	22	ug/kg	
11141-16-5	Aroclor 1232	ND	36	18	ug/kg	
53469-21-9	Aroclor 1242	ND	36	12	ug/kg	
12672-29-6	Aroclor 1248	ND	36	11	ug/kg	
11097-69-1	Aroclor 1254	ND	36	17	ug/kg	
11096-82-5	Aroclor 1260	ND	36	12	ug/kg	
11100-14-4	Aroclor 1268	ND	36	11	ug/kg	
37324-23-5	Aroclor 1262	ND	36	12	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	89%		14-139%
877-09-8	Tetrachloro-m-xylene	80%		14-139%
2051-24-3	Decachlorobiphenyl	97%		10-155%
2051-24-3	Decachlorobiphenyl	76%		10-155%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-2 (5-7)		
Lab Sample ID:	JB88935-5	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8082A SW846 3546	Percent Solids:	92.0
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX167139.D	1	03/03/15	JN	03/02/15	OP82081	GXX5274
Run #2							

	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	36	9.4	ug/kg	
11104-28-2	Aroclor 1221	ND	36	22	ug/kg	
11141-16-5	Aroclor 1232	ND	36	18	ug/kg	
53469-21-9	Aroclor 1242	ND	36	12	ug/kg	
12672-29-6	Aroclor 1248	ND	36	11	ug/kg	
11097-69-1	Aroclor 1254	ND	36	17	ug/kg	
11096-82-5	Aroclor 1260	ND	36	12	ug/kg	
11100-14-4	Aroclor 1268	ND	36	11	ug/kg	
37324-23-5	Aroclor 1262	ND	36	12	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	110%		14-139%
877-09-8	Tetrachloro-m-xylene	98%		14-139%
2051-24-3	Decachlorobiphenyl	111%		10-155%
2051-24-3	Decachlorobiphenyl	91%		10-155%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-2 (8-10)		
Lab Sample ID:	JB88935-6	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8082A SW846 3546	Percent Solids:	91.5
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX167140.D	1	03/03/15	JN	03/02/15	OP82081	GXX5274
Run #2							

	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	36	9.5	ug/kg	
11104-28-2	Aroclor 1221	ND	36	22	ug/kg	
11141-16-5	Aroclor 1232	ND	36	18	ug/kg	
53469-21-9	Aroclor 1242	ND	36	12	ug/kg	
12672-29-6	Aroclor 1248	ND	36	11	ug/kg	
11097-69-1	Aroclor 1254	ND	36	17	ug/kg	
11096-82-5	Aroclor 1260	ND	36	12	ug/kg	
11100-14-4	Aroclor 1268	ND	36	11	ug/kg	
37324-23-5	Aroclor 1262	ND	36	12	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	91%		14-139%
877-09-8	Tetrachloro-m-xylene	83%		14-139%
2051-24-3	Decachlorobiphenyl	97%		10-155%
2051-24-3	Decachlorobiphenyl	79%		10-155%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-X SSB-2 (0-2)		
Lab Sample ID:	JB88935-7	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8082A SW846 3546	Percent Solids:	90.8
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX167141.D	1	03/03/15	JN	03/02/15	OP82081	GXX5274
Run #2							

	Initial Weight	Final Volume
Run #1	15.8 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	35	9.1	ug/kg	
11104-28-2	Aroclor 1221	ND	35	21	ug/kg	
11141-16-5	Aroclor 1232	ND	35	18	ug/kg	
53469-21-9	Aroclor 1242	ND	35	11	ug/kg	
12672-29-6	Aroclor 1248	ND	35	11	ug/kg	
11097-69-1	Aroclor 1254	ND	35	16	ug/kg	
11096-82-5	Aroclor 1260	ND	35	11	ug/kg	
11100-14-4	Aroclor 1268	ND	35	10	ug/kg	
37324-23-5	Aroclor 1262	ND	35	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	109%		14-139%
877-09-8	Tetrachloro-m-xylene	97%		14-139%
2051-24-3	Decachlorobiphenyl	115%		10-155%
2051-24-3	Decachlorobiphenyl	91%		10-155%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-3 (0-2)		
Lab Sample ID:	JB88935-8	Date Sampled:	02/26/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8082A SW846 3546	Percent Solids:	88.3
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX167142.D	1	03/03/15	JN	03/02/15	OP82081	GXX5274
Run #2							

	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	36	9.4	ug/kg	
11104-28-2	Aroclor 1221	ND	36	22	ug/kg	
11141-16-5	Aroclor 1232	ND	36	18	ug/kg	
53469-21-9	Aroclor 1242	ND	36	11	ug/kg	
12672-29-6	Aroclor 1248	ND	36	11	ug/kg	
11097-69-1	Aroclor 1254	ND	36	17	ug/kg	
11096-82-5	Aroclor 1260	ND	36	12	ug/kg	
11100-14-4	Aroclor 1268	ND	36	11	ug/kg	
37324-23-5	Aroclor 1262	ND	36	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	111%		14-139%
877-09-8	Tetrachloro-m-xylene	100%		14-139%
2051-24-3	Decachlorobiphenyl	121%		10-155%
2051-24-3	Decachlorobiphenyl	95%		10-155%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-3 (5-7)		
Lab Sample ID:	JB88935-9	Date Sampled:	02/26/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8082A SW846 3546	Percent Solids:	87.6
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX167143.D	1	03/03/15	JN	03/02/15	OP82081	GXX5274
Run #2							

	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	36	9.5	ug/kg	
11104-28-2	Aroclor 1221	ND	36	22	ug/kg	
11141-16-5	Aroclor 1232	ND	36	18	ug/kg	
53469-21-9	Aroclor 1242	ND	36	12	ug/kg	
12672-29-6	Aroclor 1248	ND	36	11	ug/kg	
11097-69-1	Aroclor 1254	ND	36	17	ug/kg	
11096-82-5	Aroclor 1260	ND	36	12	ug/kg	
11100-14-4	Aroclor 1268	ND	36	11	ug/kg	
37324-23-5	Aroclor 1262	ND	36	12	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	120%		14-139%
877-09-8	Tetrachloro-m-xylene	107%		14-139%
2051-24-3	Decachlorobiphenyl	154%		10-155%
2051-24-3	Decachlorobiphenyl	104%		10-155%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-3 (7.5-9.5)		
Lab Sample ID:	JB88935-10	Date Sampled:	02/26/15
Matrix:	SO - Soil	Date Received:	02/26/15
Method:	SW846 8082A SW846 3546	Percent Solids:	89.2
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX167144.D	1	03/03/15	JN	03/02/15	OP82081	GXX5274
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	37	9.5	ug/kg	
11104-28-2	Aroclor 1221	ND	37	22	ug/kg	
11141-16-5	Aroclor 1232	ND	37	19	ug/kg	
53469-21-9	Aroclor 1242	ND	37	12	ug/kg	
12672-29-6	Aroclor 1248	ND	37	11	ug/kg	
11097-69-1	Aroclor 1254	ND	37	17	ug/kg	
11096-82-5	Aroclor 1260	ND	37	12	ug/kg	
11100-14-4	Aroclor 1268	ND	37	11	ug/kg	
37324-23-5	Aroclor 1262	ND	37	12	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	108%		14-139%
877-09-8	Tetrachloro-m-xylene	97%		14-139%
2051-24-3	Decachlorobiphenyl	118%		10-155%
2051-24-3	Decachlorobiphenyl	91%		10-155%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	FB20150226		
Lab Sample ID:	JB88935-12	Date Sampled:	02/26/15
Matrix:	AQ - Field Blank Soil	Date Received:	02/26/15
Method:	SW846 8082A SW846 3510C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5G38508.D	1	03/03/15	JN	03/02/15	OP82095	G5G966
Run #2							

	Initial Volume	Final Volume
Run #1	300 ml	2.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.33	0.085	ug/l	
11104-28-2	Aroclor 1221	ND	0.33	0.18	ug/l	
11141-16-5	Aroclor 1232	ND	0.33	0.26	ug/l	
53469-21-9	Aroclor 1242	ND	0.33	0.057	ug/l	
12672-29-6	Aroclor 1248	ND	0.33	0.097	ug/l	
11097-69-1	Aroclor 1254	ND	0.33	0.094	ug/l	
11096-82-5	Aroclor 1260	ND	0.33	0.14	ug/l	
11100-14-4	Aroclor 1268	ND	0.33	0.087	ug/l	
37324-23-5	Aroclor 1262	ND	0.33	0.040	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	61%		20-130%
877-09-8	Tetrachloro-m-xylene	66%		20-130%
2051-24-3	Decachlorobiphenyl	29%		10-122%
2051-24-3	Decachlorobiphenyl	37%		10-122%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	JB89708-1	Date Sampled:	03/11/15
Matrix:	AQ - Ground Water	Date Received:	03/11/15
Method:	SW846 8082A SW846 3510C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5G39047.D	1	03/19/15	DG	03/16/15	OP82386	G5G981
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.050	0.013	ug/l	
11104-28-2	Aroclor 1221	ND	0.050	0.027	ug/l	
11141-16-5	Aroclor 1232	ND	0.050	0.039	ug/l	
53469-21-9	Aroclor 1242	ND	0.050	0.0086	ug/l	
12672-29-6	Aroclor 1248	ND	0.050	0.015	ug/l	
11097-69-1	Aroclor 1254	ND	0.050	0.014	ug/l	
11096-82-5	Aroclor 1260	ND	0.050	0.021	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	75%		20-130%
877-09-8	Tetrachloro-m-xylene	89%		20-130%
2051-24-3	Decachlorobiphenyl	60%		10-122%
2051-24-3	Decachlorobiphenyl	61%		10-122%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JB89708-2	Date Sampled:	03/11/15
Matrix:	AQ - Ground Water	Date Received:	03/11/15
Method:	SW846 8082A SW846 3510C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5G39048.D	1	03/19/15	DG	03/16/15	OP82386	G5G981
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.050	0.013	ug/l	
11104-28-2	Aroclor 1221	ND	0.050	0.027	ug/l	
11141-16-5	Aroclor 1232	ND	0.050	0.039	ug/l	
53469-21-9	Aroclor 1242	ND	0.050	0.0086	ug/l	
12672-29-6	Aroclor 1248	ND	0.050	0.015	ug/l	
11097-69-1	Aroclor 1254	ND	0.050	0.014	ug/l	
11096-82-5	Aroclor 1260	ND	0.050	0.021	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	82%		20-130%
877-09-8	Tetrachloro-m-xylene	96%		20-130%
2051-24-3	Decachlorobiphenyl	39%		10-122%
2051-24-3	Decachlorobiphenyl	41%		10-122%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	JB89708-3	Date Sampled:	03/11/15
Matrix:	AQ - Ground Water	Date Received:	03/11/15
Method:	SW846 8082A SW846 3510C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5G39049.D	1	03/19/15	DG	03/16/15	OP82386	G5G981
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.050	0.013	ug/l	
11104-28-2	Aroclor 1221	ND	0.050	0.027	ug/l	
11141-16-5	Aroclor 1232	ND	0.050	0.039	ug/l	
53469-21-9	Aroclor 1242	ND	0.050	0.0086	ug/l	
12672-29-6	Aroclor 1248	ND	0.050	0.015	ug/l	
11097-69-1	Aroclor 1254	ND	0.050	0.014	ug/l	
11096-82-5	Aroclor 1260	ND	0.050	0.021	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	69%		20-130%
877-09-8	Tetrachloro-m-xylene	70%		20-130%
2051-24-3	Decachlorobiphenyl	34%		10-122%
2051-24-3	Decachlorobiphenyl	36%		10-122%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Raw Data: 5G39050.D

Accutest Laboratories

Report of Analysis

4.7 4

Client Sample ID:	MW-X (MW-2)		
Lab Sample ID:	JB89708-4	Date Sampled:	03/11/15
Matrix:	AQ - Ground Water	Date Received:	03/11/15
Method:	SW846 8082A SW846 3510C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5G39050.D	1	03/19/15	DG	03/16/15	OP82386	G5G981
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.050	0.013	ug/l	
11104-28-2	Aroclor 1221	ND	0.050	0.027	ug/l	
11141-16-5	Aroclor 1232	ND	0.050	0.039	ug/l	
53469-21-9	Aroclor 1242	ND	0.050	0.0086	ug/l	
12672-29-6	Aroclor 1248	ND	0.050	0.015	ug/l	
11097-69-1	Aroclor 1254	ND	0.050	0.014	ug/l	
11096-82-5	Aroclor 1260	ND	0.050	0.021	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	79%		20-130%
877-09-8	Tetrachloro-m-xylene	92%		20-130%
2051-24-3	Decachlorobiphenyl	35%		10-122%
2051-24-3	Decachlorobiphenyl	36%		10-122%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

for 5/13/15

Accutest Laboratories

Report of Analysis

Client Sample ID:	FB20150311		
Lab Sample ID:	JB89708-6	Date Sampled:	03/11/15
Matrix:	AQ - Field Blank Water	Date Received:	03/11/15
Method:	SW846 8082A SW846 3510C	Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5G39051.D	1	03/19/15	DG	03/16/15	OP82386	G5G981
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.050	0.013	ug/l	
11104-28-2	Aroclor 1221	ND	0.050	0.027	ug/l	
11141-16-5	Aroclor 1232	ND	0.050	0.039	ug/l	
53469-21-9	Aroclor 1242	ND	0.050	0.0086	ug/l	
12672-29-6	Aroclor 1248	ND	0.050	0.015	ug/l	
11097-69-1	Aroclor 1254	ND	0.050	0.014	ug/l	
11096-82-5	Aroclor 1260	ND	0.050	0.021	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	86%		20-130%
877-09-8	Tetrachloro-m-xylene	99%		20-130%
2051-24-3	Decachlorobiphenyl	38%		10-122%
2051-24-3	Decachlorobiphenyl	39%		10-122%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SS-1		
Lab Sample ID:	JB88569-2	Date Sampled:	02/19/15
Matrix:	SO - Soil	Date Received:	02/20/15
		Percent Solids:	79.8
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	6810	49	mg/kg	1	02/24/15	02/24/15	BS	SW846 6010C [2]	SW846 3050B [5]
Antimony [a]	7.4	4.0	mg/kg	2	02/24/15	02/25/15	BS	SW846 6010C [3]	SW846 3050B [5]
Arsenic	13.3	2.0	mg/kg	1	02/24/15	02/24/15	BS	SW846 6010C [2]	SW846 3050B [5]
Barium	124	20	mg/kg	1	02/24/15	02/24/15	BS	SW846 6010C [2]	SW846 3050B [5]
Beryllium	0.22	0.20	mg/kg	1	02/24/15	02/24/15	BS	SW846 6010C [2]	SW846 3050B [5]
Cadmium [a]	7.1	0.99	mg/kg	2	02/24/15	02/25/15	BS	SW846 6010C [3]	SW846 3050B [5]
Calcium	36500	490	mg/kg	1	02/24/15	02/24/15	BS	SW846 6010C [2]	SW846 3050B [5]
Chromium [a]	50.1	2.0	mg/kg	2	02/24/15	02/25/15	BS	SW846 6010C [3]	SW846 3050B [5]
Cobalt	25.4	4.9	mg/kg	1	02/24/15	02/24/15	BS	SW846 6010C [2]	SW846 3050B [5]
Copper [a]	130	4.9	mg/kg	2	02/24/15	02/25/15	BS	SW846 6010C [3]	SW846 3050B [5]
Iron	73700	99	mg/kg	2	02/24/15	02/25/15	BS	SW846 6010C [3]	SW846 3050B [5]
Lead [a]	354	4.0	mg/kg	2	02/24/15	02/25/15	BS	SW846 6010C [3]	SW846 3050B [5]
Magnesium	3660	490	mg/kg	1	02/24/15	02/24/15	BS	SW846 6010C [2]	SW846 3050B [5]
Manganese [a]	547	3.0	mg/kg	2	02/24/15	02/25/15	BS	SW846 6010C [3]	SW846 3050B [5]
Mercury	< 0.038	0.038	mg/kg	1	02/23/15	02/23/15	JW	SW846 7471B [1]	SW846 7471B [4]
Nickel	35.7	4.0	mg/kg	1	02/24/15	02/24/15	BS	SW846 6010C [2]	SW846 3050B [5]
Potassium	2080	990	mg/kg	1	02/24/15	02/24/15	BS	SW846 6010C [2]	SW846 3050B [5]
Selenium [a]	< 4.0	4.0	mg/kg	2	02/24/15	02/25/15	BS	SW846 6010C [3]	SW846 3050B [5]
Silver [a]	< 1.5	1.5	mg/kg	3	02/24/15	02/25/15	BS	SW846 6010C [3]	SW846 3050B [5]
Sodium	1000	990	mg/kg	1	02/24/15	02/24/15	BS	SW846 6010C [2]	SW846 3050B [5]
Thallium [a]	< 2.0	2.0	mg/kg	2	02/24/15	02/25/15	BS	SW846 6010C [3]	SW846 3050B [5]
Vanadium	41.2	4.9	mg/kg	1	02/24/15	02/24/15	BS	SW846 6010C [2]	SW846 3050B [5]
Zinc	833	4.9	mg/kg	1	02/24/15	02/24/15	BS	SW846 6010C [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA36102
(2) Instrument QC Batch: MA36116
(3) Instrument QC Batch: MA36120
(4) Prep QC Batch: MP84996
(5) Prep QC Batch: MP85014

(a) Elevated detection limit due to dilution required for high interfering element.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SSB-1 (0-2)		
Lab Sample ID:	JB88935-1	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
		Percent Solids:	70.6
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	16100	50	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Antimony	5.2	2.0	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Arsenic [a]	16.1	4.0	mg/kg	2	03/03/15	03/04/15	KK	SW846 6010C [3]	SW846 3050B [5]
Barium	792	20	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Beryllium	0.67	0.20	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Cadmium [a]	11.9	1.0	mg/kg	2	03/03/15	03/04/15	KK	SW846 6010C [3]	SW846 3050B [5]
Calcium	39700	500	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Chromium [a]	62.2	2.0	mg/kg	2	03/03/15	03/04/15	KK	SW846 6010C [3]	SW846 3050B [5]
Cobalt	12.8	5.0	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Copper [a]	198	5.0	mg/kg	2	03/03/15	03/04/15	KK	SW846 6010C [3]	SW846 3050B [5]
Iron	61400	100	mg/kg	2	03/03/15	03/04/15	KK	SW846 6010C [3]	SW846 3050B [5]
Lead [a]	935	4.0	mg/kg	2	03/03/15	03/04/15	KK	SW846 6010C [3]	SW846 3050B [5]
Magnesium	4940	500	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Manganese [a]	456	3.0	mg/kg	2	03/03/15	03/04/15	KK	SW846 6010C [3]	SW846 3050B [5]
Mercury	44.0	4.3	mg/kg	100	03/02/15	03/02/15	MA	SW846 7471B [1]	SW846 7471B [4]
Nickel	34.7	4.0	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Potassium	1380	1000	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Selenium [a]	< 4.0	4.0	mg/kg	2	03/03/15	03/04/15	KK	SW846 6010C [3]	SW846 3050B [5]
Silver [a]	1.5	1.0	mg/kg	2	03/03/15	03/04/15	KK	SW846 6010C [3]	SW846 3050B [5]
Sodium	1620	1000	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Thallium [a]	< 2.0	2.0	mg/kg	2	03/03/15	03/04/15	KK	SW846 6010C [3]	SW846 3050B [5]
Vanadium [a]	73.2	10	mg/kg	2	03/03/15	03/04/15	KK	SW846 6010C [3]	SW846 3050B [5]
Zinc	1280	5.0	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA36149
(2) Instrument QC Batch: MA36162
(3) Instrument QC Batch: MA36168
(4) Prep QC Batch: MP85098
(5) Prep QC Batch: MP85117

(a) Elevated detection limit due to dilution required for high interfering element.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-1 (5-7)		
Lab Sample ID:	JB88935-2	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
		Percent Solids:	78.5
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	9410	51	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Antimony	4.3	2.0	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Arsenic	14.5	2.0	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Barium	492	20	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Beryllium	0.56	0.20	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Cadmium	17.7	0.51	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Calcium	15500	510	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Chromium	52.7	1.0	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Cobalt	9.9	5.1	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Copper	270	2.5	mg/kg	1	03/03/15	03/04/15	KK	SW846 6010C [3]	SW846 3050B [5]
Iron	31600	51	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Lead	1940	2.0	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Magnesium	4230	510	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Manganese	272	1.5	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Mercury	5.3	0.40	mg/kg	10	03/02/15	03/02/15	MA	SW846 7471B [1]	SW846 7471B [4]
Nickel	43.1	4.1	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Potassium	1220	1000	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Selenium	< 2.0	2.0	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Silver	1.5	0.51	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Sodium	< 1000	1000	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Thallium	< 1.0	1.0	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Vanadium	52.8	5.1	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Zinc	1320	5.1	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA36149
(2) Instrument QC Batch: MA36162
(3) Instrument QC Batch: MA36168
(4) Prep QC Batch: MP85098
(5) Prep QC Batch: MP85117

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-1 (7-9)		
Lab Sample ID:	JB88935-3	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
		Percent Solids:	78.0
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	10900	50	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Antimony	< 2.0	2.0	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Arsenic	4.6	2.0	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Barium	139	20	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Beryllium	0.64	0.20	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Cadmium	4.3	0.50	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Calcium	6740	500	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Chromium	32.9	1.0	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Cobalt	10.5	5.0	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Copper	95.3	2.5	mg/kg	1	03/03/15	03/04/15	KK	SW846 6010C [3]	SW846 3050B [5]
Iron	30400	50	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Lead	373	2.0	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Magnesium	6440	500	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Manganese	229	1.5	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Mercury	0.82	0.038	mg/kg	1	03/02/15	03/02/15	MA	SW846 7471B [1]	SW846 7471B [4]
Nickel	30.6	4.0	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Potassium	2290	1000	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Selenium	< 2.0	2.0	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Silver	0.90	0.50	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Sodium	< 1000	1000	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Thallium	< 1.0	1.0	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Vanadium	33.9	5.0	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Zinc	404	5.0	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA36149
(2) Instrument QC Batch: MA36162
(3) Instrument QC Batch: MA36168
(4) Prep QC Batch: MP85098
(5) Prep QC Batch: MP85117

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-2 (0-2)		
Lab Sample ID:	JB88935-4	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
		Percent Solids:	91.5
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	11300	55	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Antimony	< 2.2	2.2	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Arsenic	3.3	2.2	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Barium	53.6	22	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Beryllium	0.74	0.22	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Cadmium	< 0.55	0.55	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Calcium	3030	550	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Chromium	26.5	1.1	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Cobalt	9.5	5.5	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Copper	29.9	2.7	mg/kg	1	03/03/15	03/04/15	KK	SW846 6010C [3]	SW846 3050B [5]
Iron	20000	55	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Lead	16.5	2.2	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Magnesium	5500	550	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Manganese	413	1.6	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Mercury	< 0.034	0.034	mg/kg	1	03/02/15	03/02/15	MA	SW846 7471B [1]	SW846 7471B [4]
Nickel	18.8	4.4	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Potassium	2080	1100	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Selenium	< 2.2	2.2	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Silver	1.4	0.55	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Sodium	< 1100	1100	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Thallium	< 1.1	1.1	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Vanadium	30.2	5.5	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Zinc	73.1	5.5	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA36149
(2) Instrument QC Batch: MA36162
(3) Instrument QC Batch: MA36168
(4) Prep QC Batch: MP85098
(5) Prep QC Batch: MP85117

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-2 (5-7)		
Lab Sample ID:	JB88935-5	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
		Percent Solids:	92.0
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	13200	55	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Antimony	< 2.2	2.2	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Arsenic	3.1	2.2	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Barium	70.5	22	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Beryllium	0.81	0.22	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Cadmium	< 0.55	0.55	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Calcium	6120	550	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Chromium	36.3	1.1	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Cobalt	11.3	5.5	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Copper	21.9	2.8	mg/kg	1	03/03/15	03/04/15	KK	SW846 6010C [3]	SW846 3050B [5]
Iron	23600	55	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Lead	99.8	2.2	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Magnesium	6280	550	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Manganese	415	1.7	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Mercury	0.057	0.032	mg/kg	1	03/02/15	03/02/15	MA	SW846 7471B [1]	SW846 7471B [4]
Nickel	23.3	4.4	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Potassium	4440	1100	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Selenium	< 2.2	2.2	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Silver	1.0	0.55	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Sodium	< 1100	1100	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Thallium	< 1.1	1.1	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Vanadium	35.5	5.5	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Zinc	98.9	5.5	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA36149
(2) Instrument QC Batch: MA36162
(3) Instrument QC Batch: MA36168
(4) Prep QC Batch: MP85098
(5) Prep QC Batch: MP85117

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SSB-2 (8-10)		
Lab Sample ID:	JB88935-6	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
		Percent Solids:	91.5
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	11500	56	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Antimony	< 2.3	2.3	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Arsenic	6.0	2.3	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Barium	119	23	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Beryllium	0.65	0.23	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Cadmium	2.1	0.56	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Calcium	11800	560	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Chromium	33.2	1.1	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Cobalt	9.7	5.6	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Copper	33.3	2.8	mg/kg	1	03/03/15	03/04/15	KK	SW846 6010C [3]	SW846 3050B [5]
Iron	29600	56	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Lead	450	2.3	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Magnesium	5570	560	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Manganese	345	1.7	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Mercury	0.13	0.034	mg/kg	1	03/02/15	03/02/15	MA	SW846 7471B [1]	SW846 7471B [4]
Nickel	21.4	4.5	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Potassium	3400	1100	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Selenium	< 2.3	2.3	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Silver	0.97	0.56	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Sodium	< 1100	1100	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Thallium	< 1.1	1.1	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Vanadium	31.1	5.6	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Zinc	633	5.6	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA36149
(2) Instrument QC Batch: MA36162
(3) Instrument QC Batch: MA36168
(4) Prep QC Batch: MP85098
(5) Prep QC Batch: MP85117

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-X SSB-2 (0-2)		
Lab Sample ID:	JB88935-7	Date Sampled:	02/25/15
Matrix:	SO - Soil	Date Received:	02/26/15
		Percent Solids:	90.8
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	12000	57	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Antimony	< 2.3	2.3	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Arsenic	3.0	2.3	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Barium	56.4	23	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Beryllium	0.70	0.23	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Cadmium	< 0.57	0.57	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Calcium	3300	570	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Chromium	25.2	1.1	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Cobalt	9.6	5.7	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Copper	31.1	2.9	mg/kg	1	03/03/15	03/04/15	KK	SW846 6010C [3]	SW846 3050B [5]
Iron	19700	57	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Lead	26.8	2.3	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Magnesium	5750	570	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Manganese	479	1.7	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Mercury	< 0.033	0.033	mg/kg	1	03/02/15	03/02/15	MA	SW846 7471B [1]	SW846 7471B [4]
Nickel	20.3	4.6	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Potassium	2040	1100	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Selenium	< 2.3	2.3	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Silver	1.4	0.57	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Sodium	< 1100	1100	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Thallium	< 1.1	1.1	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Vanadium	29.4	5.7	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Zinc	71.4	5.7	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA36149
(2) Instrument QC Batch: MA36162
(3) Instrument QC Batch: MA36168
(4) Prep QC Batch: MP85098
(5) Prep QC Batch: MP85117

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	SSB-3 (0-2)		
Lab Sample ID:	JB88935-8	Date Sampled:	02/26/15
Matrix:	SO - Soil	Date Received:	02/26/15
		Percent Solids:	88.3
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	14500	57	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Antimony	<2.3 UJ	2.3	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Arsenic	4.4	2.3	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Barium	51.1	23	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Beryllium	0.66	0.23	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Cadmium	<0.57	0.57	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Calcium	1290	570	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Chromium	26.4	1.1	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Cobalt	8.5	5.7	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Copper	14.4	2.9	mg/kg	1	03/03/15	03/04/15	KK	SW846 6010C [3]	SW846 3050B [5]
Iron	22000	57	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Lead	8.3	2.3	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Magnesium	4280	570	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Manganese	265 J	1.7	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Mercury	<0.035	0.035	mg/kg	1	03/03/15	03/03/15	MA	SW846 7471B [1]	SW846 7471B [4]
Nickel	16.8	4.6	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Potassium	1660	1100	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Selenium	<2.3	2.3	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Silver	1.4	0.57	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Sodium	<1100	1100	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Thallium	<1.1	1.1	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Vanadium	34.9	5.7	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Zinc	34.5	5.7	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA36156
(2) Instrument QC Batch: MA36162
(3) Instrument QC Batch: MA36168
(4) Prep QC Batch: MP85116
(5) Prep QC Batch: MP85117

RL = Reporting Limit

4.8

Report of Analysis

Client Sample ID:	SSB-3 (5-7)		
Lab Sample ID:	JB88935-9	Date Sampled:	02/26/15
Matrix:	SO - Soil	Date Received:	02/26/15
		Percent Solids:	87.6
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	61500	57	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Antimony	< 2.3	2.3	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Arsenic	3.9	2.3	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Barium	148	23	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Beryllium	2.6	0.23	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Cadmium	0.60	0.57	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Calcium	16100	570	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Chromium	61.9	1.1	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Cobalt	18.5	5.7	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Copper	44.8	2.8	mg/kg	1	03/03/15	03/04/15	KK	SW846 6010C [3]	SW846 3050B [5]
Iron	38900	57	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Lead	15.1	2.3	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Magnesium	15400	570	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Manganese	450	1.7	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Mercury	< 0.035	0.035	mg/kg	1	03/02/15	03/02/15	MA	SW846 7471B [1]	SW846 7471B [4]
Nickel	38.6	4.5	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Potassium	6490	1100	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Selenium	< 2.3	2.3	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Silver	1.3	0.57	mg/kg	1	03/03/15	03/04/15	KK	SW846 6010C [3]	SW846 3050B [5]
Sodium	2860	1100	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Thallium	< 1.1	1.1	mg/kg	1	03/03/15	03/04/15	KK	SW846 6010C [3]	SW846 3050B [5]
Vanadium	95.1	5.7	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Zinc	94.8	5.7	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA36149
(2) Instrument QC Batch: MA36162
(3) Instrument QC Batch: MA36168
(4) Prep QC Batch: MP85098
(5) Prep QC Batch: MP85117

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SSB-3 (7.5-9.5)		
Lab Sample ID:	JB88935-10	Date Sampled:	02/26/15
Matrix:	SO - Soil	Date Received:	02/26/15
		Percent Solids:	89.2
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	9390	58	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Antimony	< 2.3	2.3	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Arsenic	4.3	2.3	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Barium	66.8	23	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Beryllium	1.5	0.23	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Cadmium	0.62	0.58	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Calcium	1530	580	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Chromium	30.1	1.2	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Cobalt	16.9	5.8	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Copper	36.1	2.9	mg/kg	1	03/03/15	03/04/15	KK	SW846 6010C [3]	SW846 3050B [5]
Iron	37200	58	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Lead	7.4	2.3	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Magnesium	3440	580	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Manganese	1520	3.5	mg/kg	2	03/03/15	03/04/15	KK	SW846 6010C [3]	SW846 3050B [5]
Mercury	< 0.033	0.033	mg/kg	1	03/02/15	03/02/15	MA	SW846 7471B [1]	SW846 7471B [4]
Nickel	28.3	4.6	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Potassium	1290	1200	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Selenium	< 2.3	2.3	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Silver	< 0.58	0.58	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Sodium	< 1200	1200	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Thallium [a]	< 2.3	2.3	mg/kg	2	03/03/15	03/04/15	KK	SW846 6010C [3]	SW846 3050B [5]
Vanadium	45.4	5.8	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]
Zinc	71.4	5.8	mg/kg	1	03/03/15	03/03/15	KK	SW846 6010C [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA36149
(2) Instrument QC Batch: MA36162
(3) Instrument QC Batch: MA36168
(4) Prep QC Batch: MP85098
(5) Prep QC Batch: MP85117

(a) Elevated detection limit due to dilution required for high interfering element.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	FB20150226		
Lab Sample ID:	JB88935-12	Date Sampled:	02/26/15
Matrix:	AQ - Field Blank Soil	Date Received:	02/26/15
		Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	03/02/15	03/03/15	KK	SW846 6010C [2]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	03/02/15	03/03/15	KK	SW846 6010C [2]	SW846 3010A [4]
Arsenic	< 3.0	3.0	ug/l	1	03/02/15	03/03/15	KK	SW846 6010C [2]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	03/02/15	03/03/15	KK	SW846 6010C [2]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	03/02/15	03/03/15	KK	SW846 6010C [2]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	03/02/15	03/03/15	KK	SW846 6010C [2]	SW846 3010A [4]
Calcium	< 5000	5000	ug/l	1	03/02/15	03/03/15	KK	SW846 6010C [2]	SW846 3010A [4]
Chromium	< 10	10	ug/l	1	03/02/15	03/03/15	KK	SW846 6010C [2]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	03/02/15	03/03/15	KK	SW846 6010C [2]	SW846 3010A [4]
Copper	< 10	10	ug/l	1	03/02/15	03/03/15	KK	SW846 6010C [2]	SW846 3010A [4]
Iron	< 100	100	ug/l	1	03/02/15	03/03/15	KK	SW846 6010C [2]	SW846 3010A [4]
Lead	< 3.0	3.0	ug/l	1	03/02/15	03/03/15	KK	SW846 6010C [2]	SW846 3010A [4]
Magnesium	< 5000	5000	ug/l	1	03/02/15	03/03/15	KK	SW846 6010C [2]	SW846 3010A [4]
Manganese	< 15	15	ug/l	1	03/02/15	03/03/15	KK	SW846 6010C [2]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	03/02/15	03/02/15	DP	SW846 7470A [1]	SW846 7470A [3]
Nickel	< 10	10	ug/l	1	03/02/15	03/03/15	KK	SW846 6010C [2]	SW846 3010A [4]
Potassium	< 10000	10000	ug/l	1	03/02/15	03/03/15	KK	SW846 6010C [2]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	03/02/15	03/03/15	KK	SW846 6010C [2]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	03/02/15	03/03/15	KK	SW846 6010C [2]	SW846 3010A [4]
Sodium	< 10000	10000	ug/l	1	03/02/15	03/03/15	KK	SW846 6010C [2]	SW846 3010A [4]
Thallium	< 2.0	2.0	ug/l	1	03/02/15	03/03/15	KK	SW846 6010C [2]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	03/02/15	03/03/15	KK	SW846 6010C [2]	SW846 3010A [4]
Zinc	< 20	20	ug/l	1	03/02/15	03/03/15	KK	SW846 6010C [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA36150
(2) Instrument QC Batch: MA36162
(3) Prep QC Batch: MP85104
(4) Prep QC Batch: MP85109

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	JB89708-1	Date Sampled:	03/11/15
Matrix:	AQ - Ground Water	Date Received:	03/11/15
		Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Arsenic	7.1	3.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Calcium	71500	5000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Chromium	18.7	10	ug/l	1	03/16/15	03/18/15	BS	SW846 6010C [3]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Copper	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Iron	< 100	100	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Lead	< 3.0	3.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Magnesium	40700	5000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Manganese	< 15	15	ug/l	1	03/16/15	03/18/15	BS	SW846 6010C [3]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	03/16/15	03/16/15	DP	SW846 7470A [1]	SW846 7470A [5]
Nickel	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Potassium	22200	10000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	03/16/15	03/18/15	BS	SW846 6010C [3]	SW846 3010A [4]
Sodium	60400	10000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Thallium	< 2.0	2.0	ug/l	1	03/16/15	03/18/15	BS	SW846 6010C [3]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	03/16/15	03/18/15	BS	SW846 6010C [3]	SW846 3010A [4]
Zinc	< 20	20	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA36233
(2) Instrument QC Batch: MA36242
(3) Instrument QC Batch: MA36252
(4) Prep QC Batch: MP85287
(5) Prep QC Batch: MP85294

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	JB89708-1F	Date Sampled:	03/11/15
Matrix:	AQ - Groundwater Filtered	Date Received:	03/11/15
		Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Arsenic	7.3	3.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Calcium	70800	5000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Chromium	18.1	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Copper	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Iron	< 100	100	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Lead	< 3.0	3.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Magnesium	41100	5000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Manganese	< 15	15	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	03/16/15	03/16/15	DP	SW846 7470A [1]	SW846 7470A [5]
Nickel	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Potassium	22600	10000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Sodium	60900	10000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Thallium	< 2.0	2.0	ug/l	1	03/16/15	03/18/15	BS	SW846 6010C [3]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Zinc	< 20	20	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA36233
(2) Instrument QC Batch: MA36242
(3) Instrument QC Batch: MA36252
(4) Prep QC Batch: MP85287
(5) Prep QC Batch: MP85294

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JB89708-2	Date Sampled:	03/11/15
Matrix:	AQ - Ground Water	Date Received:	03/11/15
		Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

4.3

4

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	2140	200	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Arsenic	3.2 J	3.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Beryllium	2.0	1.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Calcium	78400	5000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Chromium	11.9 J	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Copper	11.9	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Iron	19200	100	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Lead	23.2	3.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Magnesium	24500	5000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Manganese	524	15	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	03/16/15	03/16/15	DP	SW846 7470A [1]	SW846 7470A [5]
Nickel	20.0	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Potassium	39800	10000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Sodium	224000	10000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Thallium	< 2.0	2.0	ug/l	1	03/16/15	03/18/15	BS	SW846 6010C [3]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Zinc	57.6	20	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA36233
(2) Instrument QC Batch: MA36242
(3) Instrument QC Batch: MA36252
(4) Prep QC Batch: MP85287
(5) Prep QC Batch: MP85294

for 4/15/15

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JB89708-2F	Date Sampled:	03/11/15
Matrix:	AQ - Groundwater Filtered	Date Received:	03/11/15
		Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Arsenic	< 3.0	3.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Calcium	29200	5000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Chromium	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Copper	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Iron	< 100	100	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Lead	< 3.0	3.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Magnesium	5280	5000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Manganese	< 15	15	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	03/16/15	03/16/15	DP	SW846 7470A [1]	SW846 7470A [5]
Nickel	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Potassium	41000	10000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Sodium	239000	10000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Thallium	< 2.0	2.0	ug/l	1	03/16/15	03/18/15	BS	SW846 6010C [3]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Zinc	< 20	20	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA36233
(2) Instrument QC Batch: MA36242
(3) Instrument QC Batch: MA36252
(4) Prep QC Batch: MP85287
(5) Prep QC Batch: MP85294

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	JB89708-3	Date Sampled:	03/11/15
Matrix:	AQ - Ground Water	Date Received:	03/11/15
		Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	273	200	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Arsenic	< 3.0	3.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Calcium	56600	5000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Chromium	< 10	10	ug/l	1	03/16/15	03/18/15	BS	SW846 6010C [3]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Copper	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Iron	4160	100	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Lead	< 3.0	3.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Magnesium	15000	5000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Manganese	135	15	ug/l	1	03/16/15	03/18/15	BS	SW846 6010C [3]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	03/16/15	03/16/15	DP	SW846 7470A [1]	SW846 7470A [5]
Nickel	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Potassium	53700	10000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	03/16/15	03/18/15	BS	SW846 6010C [3]	SW846 3010A [4]
Sodium	91500	10000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Thallium	< 2.0	2.0	ug/l	1	03/16/15	03/18/15	BS	SW846 6010C [3]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	03/16/15	03/18/15	BS	SW846 6010C [3]	SW846 3010A [4]
Zinc	< 20	20	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA36233
(2) Instrument QC Batch: MA36242
(3) Instrument QC Batch: MA36252
(4) Prep QC Batch: MP85287
(5) Prep QC Batch: MP85294

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	JB89708-3F	Date Sampled:	03/11/15
Matrix:	AQ - Groundwater Filtered	Date Received:	03/11/15
		Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	298	200	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Arsenic	< 3.0	3.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Calcium	56200	5000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Chromium	< 10	10	ug/l	1	03/16/15	03/18/15	BS	SW846 6010C [3]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Copper	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Iron	4190	100	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Lead	3.1	3.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Magnesium	15400	5000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Manganese	154	15	ug/l	1	03/16/15	03/18/15	BS	SW846 6010C [3]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	03/16/15	03/16/15	DP	SW846 7470A [1]	SW846 7470A [5]
Nickel	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Potassium	49200	10000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	03/16/15	03/18/15	BS	SW846 6010C [3]	SW846 3010A [4]
Sodium	84900	10000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Thallium	< 2.0	2.0	ug/l	1	03/16/15	03/18/15	BS	SW846 6010C [3]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	03/16/15	03/18/15	BS	SW846 6010C [3]	SW846 3010A [4]
Zinc	< 20	20	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA36233
(2) Instrument QC Batch: MA36242
(3) Instrument QC Batch: MA36252
(4) Prep QC Batch: MP85287
(5) Prep QC Batch: MP85294

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-X (MW-2)		
Lab Sample ID:	JB89708-4	Date Sampled:	03/11/15
Matrix:	AQ - Ground Water	Date Received:	03/11/15
		Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	1560	200	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Arsenic	< 3.0 UJ	3.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Beryllium	1.7	1.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Calcium	72700	5000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Chromium	< 10 UJ	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Copper	10.2	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Iron	15300	100	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Lead	20.3	3.0	ug/l	1	03/16/15	03/18/15	BS	SW846 6010C [3]	SW846 3010A [4]
Magnesium	22000	5000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Manganese	473	15	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	03/16/15	03/16/15	DP	SW846 7470A [1]	SW846 7470A [5]
Nickel	16.6	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Potassium	38000	10000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Sodium	217000	10000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Thallium	< 2.0	2.0	ug/l	1	03/16/15	03/18/15	BS	SW846 6010C [3]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Zinc	49.1	20	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA36233
(2) Instrument QC Batch: MA36242
(3) Instrument QC Batch: MA36252
(4) Prep QC Batch: MP85287
(5) Prep QC Batch: MP85294

RL = Reporting Limit

4/13/15

Accutest Laboratories

Report of Analysis

Client Sample ID:	MW-X (MW-2)		
Lab Sample ID:	JB89708-4F	Date Sampled:	03/11/15
Matrix:	AQ - Groundwater Filtered	Date Received:	03/11/15
		Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Arsenic	< 3.0	3.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Calcium	30000	5000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Chromium	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Copper	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Iron	< 100	100	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Lead	< 3.0	3.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Magnesium	5440	5000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Manganese	< 15	15	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	03/16/15	03/16/15	DP	SW846 7470A [1]	SW846 7470A [5]
Nickel	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Potassium	41200	10000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Sodium	239000	10000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Thallium	< 2.0	2.0	ug/l	1	03/16/15	03/18/15	BS	SW846 6010C [3]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Zinc	< 20	20	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA36233
(2) Instrument QC Batch: MA36242
(3) Instrument QC Batch: MA36252
(4) Prep QC Batch: MP85287
(5) Prep QC Batch: MP85294

RL = Reporting Limit

JB 3/13/15

Accutest Laboratories

Report of Analysis

Client Sample ID:	FB20150311		
Lab Sample ID:	JB89708-6	Date Sampled:	03/11/15
Matrix:	AQ - Field Blank Water	Date Received:	03/11/15
		Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Arsenic	< 3.0	3.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Calcium	< 5000	5000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Chromium	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Copper	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Iron	< 100	100	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Lead	< 3.0	3.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Magnesium	< 5000	5000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Manganese	< 15	15	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	03/16/15	03/16/15	DP	SW846 7470A [1]	SW846 7470A [5]
Nickel	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Potassium	< 10000	10000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Sodium	< 10000	10000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Thallium	< 2.0	2.0	ug/l	1	03/16/15	03/19/15	BS	SW846 6010C [3]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Zinc	< 20	20	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA36233
(2) Instrument QC Batch: MA36242
(3) Instrument QC Batch: MA36262
(4) Prep QC Batch: MP85287
(5) Prep QC Batch: MP85294

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FB20150311		
Lab Sample ID:	JB89708-6F	Date Sampled:	03/11/15
Matrix:	AQ - Field Blank Filtered	Date Received:	03/11/15
		Percent Solids:	n/a
Project:	Elton Crossing, 899 Elton Avenue, Bronx, NY		

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Arsenic	< 3.0	3.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Calcium	< 5000	5000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Chromium	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Copper	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Iron	< 100	100	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Lead	< 3.0	3.0	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Magnesium	< 5000	5000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Manganese	< 15	15	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	03/16/15	03/16/15	DP	SW846 7470A [1]	SW846 7470A [5]
Nickel	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Potassium	< 10000	10000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Sodium	< 10000	10000	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Thallium	< 2.0	2.0	ug/l	1	03/16/15	03/19/15	BS	SW846 6010C [3]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]
Zinc	< 20	20	ug/l	1	03/16/15	03/17/15	BS	SW846 6010C [2]	SW846 3010A [4]

(1) Instrument QC Batch: MA36233
(2) Instrument QC Batch: MA36242
(3) Instrument QC Batch: MA36262
(4) Prep QC Batch: MP85287
(5) Prep QC Batch: MP85294

RL = Reporting Limit